

SECURITIES AND EXCHANGE COMMISSION

FORM 8-K

Current report filing

Filing Date: **2022-08-08** | Period of Report: **2022-08-05**  
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FILER

**SANUWAVE Health, Inc.**

CIK: **1417663** | IRS No.: **201176000** | State of Incorporation: **NV** | Fiscal Year End: **1231**  
Type: **8-K** | Act: **34** | File No.: **000-52985** | Film No.: **221145529**  
SIC: **3841** Surgical & medical instruments & apparatus

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SUITE 100  
SUWANEE GA 30024

Business Address  
3360 MARTIN FARM RD  
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SUWANEE GA 30024  
770-419-7525

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**UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION  
Washington, D.C. 20549  
FORM 8-K**

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

Date of Report (date of earliest event reported): August 5, 2022

**SANUWAVE HEALTH, INC.**

(Exact Name of Registrant as Specified in its Charter)

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<b>Nevada</b>	<b>000-52985</b>	<b>20-1176000</b>
(State or Other Jurisdiction of Incorporation)	(Commission File Number)	(I.R.S. Employer Identification Number)

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**3360 Martin Farm Road , Suite 100  
Suwanee, Georgia 30024**  
(Address of Principal Executive Offices, Including Zip Code)

**(770) 419-7525**  
(Registrant's Telephone Number, Including Area Code)  
(Former Name or Former Address, if Changed Since Last Report)

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

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

**Securities registered pursuant to Section 12(b) of the Act:**

<b>Title of each class</b>	<b>Trading Symbol(s)</b>	<b>Name of each exchange on which registered</b>
N/A	N/A	N/A

Indicate by check mark whether the registrant is an emerging growth company as defined in as defined in Rule 405 of the Securities Act of 1933 (§230.405 of this chapter) or Rule 12b-2 of the Securities Exchange Act of 1934 (§240.12b-2 of this chapter).

Emerging growth company

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 13(a) of the Exchange Act.

## **Item 1.01 Entry into a Material Definitive Agreement.**

### ***Securities Purchase Agreement and Common Stock Warrant***

On August 5, 2022, SANUWAVE Health, Inc. (the “Company”) entered into a Securities Purchase Agreement (the “Purchase Agreement”), with the purchasers identified on the signature pages thereto (the “Purchasers”) for the sale by the Company in a private placement (the “Private Placement”) of (i) the Company’s future advance convertible promissory notes in an aggregate principal amount of approximately \$16.1 million (the “Notes”), consisting of \$12.2 million in newly raised capital and \$3.8 million in rolled forward accrued expenses and fees, (ii) warrants to purchase an additional 403 million shares of common stock of the Company with an exercise price of \$0.067 per share (the “First Warrants”) and (iii) warrants to purchase an additional 403 million shares of common stock of the Company with an exercise price of \$0.04 per share (the “Second Warrants,” collectively with the First Warrants, the “Warrants”). The Notes will be convertible and the Warrants exercisable on the earlier to occur of (1) completion of a reverse stock split and (2) December 31, 2022. The exercise price of the Warrants is subject to adjustment, including if the Company issues or sells shares of common stock or Share Equivalents (as defined in the Warrants) for an effective consideration price less than the exercise price of the Warrants or if the Company lists its shares of common stock on the Nasdaq Capital Market and the average volume weighted average price of such common stock for the five trading days preceding such listing is less than \$0.04 per share; provided, however, that the exercise price of the Warrants shall never be less than \$0.01 per share. The Warrants have a five-year term. The closing of the Private Placement occurred on August 5, 2022 (the “Closing Date”). At the Closing Date, the Company received total proceeds of \$14.4 million.

The foregoing descriptions of the Purchase Agreement and the Warrants do not purport to be complete and are qualified in their entirety by reference to the full text of the Purchase Agreement and the Warrants, which are filed as Exhibit 10.1 and Exhibit 4.2, respectively, and are incorporated herein by reference.

### ***Notes***

As described above, on August 5, 2022, the Company issued Notes to the Purchasers in an aggregate principal amount of \$16.1 million. Pursuant to the Notes, the Company promised to pay each Purchaser, its designee or registered assigns (the “Holder”) in cash and/or in shares of common stock, at a conversion price of \$0.04 (the “Conversion Price”), the principal amount (subject to reduction pursuant to the terms of the Note, the “Principal”) as may be advanced in disbursements (each, a “Disbursement” and together, the “Disbursements” with total principal of outstanding Disbursements equaling Principal), and to pay interest at a rate of fifteen percent (15%) per annum (“Interest”) on any outstanding Principal at the applicable Interest rate from the date of the Notes until the Notes are accelerated, converted, redeemed or otherwise. The Conversion Price of the Notes is subject to adjustment, including if the Company issues or sells shares of common stock for a price per share less than the Conversion Price of the Notes or if the Company lists its shares of common stock on the Nasdaq Capital Market and the average volume weighted average price of such common stock for the five trading days preceding such listing is less than \$0.04 per share; provided, however, that the Conversion Price shall never be less than \$0.01.

The Notes contain customary events of default and covenants, including limitations on incurrences of indebtedness and liens.

In connection with the Private Placement, on August 5, 2022 the Company entered into a security agreement in favor of each Purchaser to secure the Company’s obligations under the Notes (the “Security Agreement”).

The rights of each Purchaser to receive payments under its Notes are subordinate to the rights of NH Expansion Credit Fund Holdings LP (“North Haven Expansion”) pursuant to a subordination agreement, which the Company and the Purchasers entered into with North Haven Expansion on August 5, 2022 in connection with the Private Placement (the “Subordination Agreement”).

The foregoing descriptions of the Notes, the Subordination Agreement and the Security Agreement do not purport to be complete and are qualified in their entirety by reference to the full text of the Notes, the Subordination Agreement and the Security Agreement, which are filed as Exhibit 4.1, Exhibit 10.2 and Exhibit 10.3, respectively, and are incorporated herein by reference.

## ***Registration Rights Agreement***

In connection with the Purchase Agreement, the Company entered into a registration rights agreement with the Purchasers on August 5, 2022 (the “Registration Rights Agreement”), pursuant to which the Company agreed to file a registration statement (the “Registration Statement”) with the Securities and Exchange Commission no later than sixty (60) days following the Closing Date to register the resale of the number of shares of common stock issuable upon conversion of the Notes and exercise of the Warrants issued pursuant to such Purchase Agreement (the “Registrable Securities”) and to cause the Registration Statement to become effective within one-hundred eighty (180) days following the Closing Date. The Company shall use its best efforts to keep the Registration Statement continuously effective under the Securities Act of 1933, as amended (the “Securities Act”), until all Registrable Securities have been sold, or may be sold without the requirement to be in compliance with Rule 144(c)(1) of the Securities Act and otherwise without restriction or limitation pursuant to Rule 144 of the Securities Act, as determined by the counsel to the Company.

The foregoing description of the Registration Rights Agreement does not purport to be complete and is qualified in its entirety by reference to the full text of the Registration Rights Agreement, which is filed hereto as Exhibit 10.4 and is incorporated herein by reference.

## ***Side Letter Settlement Agreement***

On August 5, 2022, the Company entered into a Side Letter Settlement Agreement (the “Settlement Agreement”) with Leviston Resources LLC (“Leviston”) to satisfy in full the indebtedness under the Securities Purchase Agreement, dated April 20, 2021, as amended and restated and otherwise modified from time to time (the “2021 SPA”). Pursuant to the 2021 SPA, Leviston agreed to purchase (i) a Future Advance Convertible Promissory Note from the Company in an aggregate principal amount of up to \$4,217,217 and (ii) a warrant to purchase 16,666,667 shares of the Company’s common stock (the “Leviston Warrant”) with an exercise price of \$0.18 per share.

Pursuant to the Settlement Agreement, upon receipt by Leviston of (i) 16,666,667 shares of common stock of the Company in exchange for the Leviston Warrant and (ii) the payment of \$3,205,715, the indebtedness under the 2021 SPA shall be automatically satisfied in full and irrevocably discharged, terminated and released, and all obligations under the 2021 SPA and other transaction documents shall be automatically terminated.

The foregoing description of the Settlement Agreement does not purport to be complete and is qualified in its entirety by reference to the full text of the Settlement Agreement, which is filed hereto as Exhibit 10.5 and is incorporated herein by reference.

### **Item 1.02 Termination of a Material Definitive Agreement.**

The information contained under the heading *Side Letter Settlement Agreement* in Item 1.01 of this Current Report on Form 8-K is incorporated by reference into this Item 1.02.

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

The information contained in Item 1.01 of this Current Report on Form 8-K is incorporated by reference into this Item 2.03.

### **Item 3.02 Unregistered Sales of Equity Securities.**

The information contained in Item 1.01 of this Current Report on Form 8-K is incorporated by reference into this Item 3.02.

The securities in the Private Placement were offered and sold in a transaction exempt from registration under the Securities Act, in reliance on Section 4(a)(2) thereof. Each Purchaser represented that it was an accredited investor.

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

On August 5, 2022, Morgan Frank was appointed to the Board to serve as Chair, effective immediately. Mr. Frank will serve as a director with a term expiring at the next annual meeting and until a successor has been duly elected and qualified. Mr. Frank was not named to any committees of the Board, and no committee assignments are contemplated at this time.

Mr. Frank was appointed a director in connection with the financing described above. Mr. Frank has no direct or indirect material interest in any transaction or proposed transaction required to be reported under Item 404(a) of Regulation S-K or Item 5.02(d) of Form 8-K.

**Item 7.01 Regulation FD Disclosure.**

On August 8, 2022, the Company issued a press release announcing the closing of the transactions referenced herein. A copy of the press release is furnished hereto as Exhibit 99.1.

On August 8, 2022, the Company issued a press release announcing the appointment of Morgan Frank to the Board to serve as Chair. A copy of the press release is furnished hereto as Exhibit 99.2.

The information in this Item 7.01 of this Current Report on Form 8-K and Exhibits 99.1 and 99.2 attached hereto shall not be deemed to be “filed” for purposes of Section 18 of the Securities Exchange Act of 1934, as amended, and shall not be deemed incorporated by reference in any filing under the Securities Act, except as shall be expressly set forth by specific reference in such filing.

**Item 9.01 Financial Statements and Exhibits.**

**(d) Exhibits.**

<b>Exhibit No.</b>	<b>Description</b>
<a href="#">4.1</a>	Form of Future Advance Convertible Promissory Note issued to certain purchasers, dated August 5, 2022.
<a href="#">4.2</a>	Form of Common Stock Purchase Warrant issued to certain purchasers, dated August 5, 2022.
<a href="#">10.1</a>	Form of Securities Purchase Agreement, dated August 5, 2022, by and among the Company and the purchasers identified on the signature pages thereto.
<a href="#">10.2</a>	Form of Subordination Agreement, dated August 5, 2022, by and among the Company, NH Expansion Credit Fund Holdings LP and certain creditors.
<a href="#">10.3</a>	Form of Security Agreement, dated August 5, 2022, by and among the Company and certain lenders.
<a href="#">10.4</a>	Form of Registration Rights Agreement, dated August 5, 2022, by and among the Company and certain lenders.
<a href="#">10.5</a>	Settlement Agreement, dated August 5, 2022, by and between the Company and Leviston Resources LLC.
<a href="#">99.1</a>	Press Release dated August 8, 2022.
<a href="#">99.2</a>	Press Release dated August 8, 2022.
104	Cover Page Interactive Data File—the cover page XBRL tags are embedded within the Inline XBRL document.

**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.

Date: August 8, 2022

**SANUWAVE HEALTH, INC.**

By: /s/ Lisa E. Sundstrom

Lisa E. Sundstrom

Chief Financial Officer

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THE INDEBTEDNESS EVIDENCED BY THIS NOTE (AS DEFINED BELOW) IS SUBORDINATE TO THE INDEBTEDNESS OF SANUWAVE HEALTH, INC. (OR ANY SUCCESSOR THERETO) TO NH EXPANSION CREDIT FUND HOLDINGS LP, TO THE EXTENT AND PURSUANT TO THE TERMS OF THAT CERTAIN SUBORDINATION AGREEMENT, DATED AS OF AUGUST 5, 2022, BY AND AMONG NH EXPANSION CREDIT FUND HOLDINGS LP AND THE PARTIES IDENTIFIED ON THE SIGNATURE PAGES THERETO, AS AMENDED, RESTATED, SUPPLEMENTED OR OTHERWISE MODIFIED FROM TIME TO TIME (OR ANY SUCCESSOR AGREEMENT WHICH REPLACES AND REFERENCES SUCH AGREEMENT).

NEITHER THE ISSUANCE AND SALE OF THE SECURITIES REPRESENTED BY THIS NOTE NOR THE SECURITIES INTO WHICH THESE SECURITIES ARE CONVERTIBLE HAVE BEEN REGISTERED UNDER THE SECURITIES ACT OF 1933, AS AMENDED, OR APPLICABLE STATE SECURITIES LAWS. THE SECURITIES MAY NOT BE OFFERED FOR SALE, SOLD, TRANSFERRED OR ASSIGNED (I) IN THE ABSENCE OF (A) AN EFFECTIVE REGISTRATION STATEMENT FOR THE SECURITIES UNDER THE SECURITIES ACT OF 1933, AS AMENDED, OR (B) AN OPINION OF COUNSEL SELECTED BY THE HOLDER, IN A GENERALLY ACCEPTABLE FORM, THAT REGISTRATION IS NOT REQUIRED UNDER SAID ACT, OR (II) UNLESS SOLD PURSUANT TO RULE 144 OR RULE 144A UNDER SAID ACT. NOTWITHSTANDING THE FOREGOING, THE SECURITIES MAY BE PLEDGED IN CONNECTION WITH A BONA FIDE MARGIN ACCOUNT OR OTHER LOAN OR FINANCING ARRANGEMENT SECURED BY THE SECURITIES. ANY TRANSFEREE OF THIS NOTE SHOULD CAREFULLY REVIEW THE TERMS OF THIS NOTE. THE PRINCIPAL AMOUNT REPRESENTED BY THIS NOTE AND, ACCORDINGLY, THE SECURITIES ISSUABLE UPON CONVERSION HEREOF MAY BE LESS THAN THE AMOUNTS SET FORTH ON THE FACE HEREOF.

SANUWAVE HEALTH, INC.

FUTURE ADVANCE CONVERTIBLE PROMISSORY NOTE

Issuance Date: August 5, 2022

Principal Amount: Up to U.S. \$[●]

**FOR VALUE RECEIVED**, SANUWAVE Health, Inc., a corporation organized under the laws of Nevada (the “**Company**”), pursuant to this Future Advance Convertible Promissory Note (this “**Note**”) hereby promises to pay to \_\_\_\_\_, its designee or registered assigns (the “**Holder**”) in cash and/or in shares of Common Stock (as defined in Section 26) the principal amount (as reduced pursuant to the terms hereof pursuant to redemption, conversion or otherwise, the “**Principal**”) as may be advanced in disbursements (each, a “**Disbursement**” and together, the “**Disbursements**” with total principal of outstanding Disbursements equaling Principal), and to pay interest at a rate of fifteen percent (15%) per annum (“**Interest**”) on any outstanding Principal at the applicable Interest Rate from the date of this Note until the Note is accelerated, converted, redeemed or otherwise (in each case in accordance with the terms hereof). Certain capitalized terms used herein are defined in Section 26. This Note is issued pursuant to that certain Securities Purchase Agreement, dated August 5, 2022, by and among the Company and the parties identified on the signature pages thereto (the “**Purchase Agreement**”), and capitalized terms not defined herein will have the meanings set forth in the Purchase Agreement.

(1) PAYMENTS OF PRINCIPAL; PREPAYMENT. On the Disbursement Maturity Date, the Company shall pay to the Holder the applicable principal amount of the Disbursement in cash and/or shares of Common Stock and accrued and unpaid Interest on such Disbursement’s Principal and Interest.

(2) **INTEREST.** Interest for each of the Disbursements under this Note shall commence accruing on the date hereof at the Interest Rate and shall be computed on the basis of a 360-day year and twelve 30-day months. Accrued and unpaid Interest shall be payable on the Disbursement Maturity Date in cash by wire transfer of immediately available funds pursuant to wire instructions provided by the Holder in writing to the Company, shares of Common Stock or a combination thereof at the Holder's discretion and if such date falls on a Holiday, the next day that is not a Holiday, to the record holder of this Note. Prior to the payment of Interest, Interest on this Note shall accrue at the Interest Rate and be payable by way of inclusion of the Interest in the Conversion Amount (as defined in Section 3(b)(i)).

(3) **CONVERSION OF NOTE.** Following the Issuance Date, as set out above, this Note shall be convertible into shares of Common Stock on the terms and conditions set forth in this Section 3.

(a) **Optional Conversion Right.** Subject to the provisions of Section 3(d), at any time or times on or after the Issuance Date of this Note, the Holder shall be entitled to convert any portion of the outstanding and unpaid Conversion Amount into fully paid and nonassessable shares of Common Stock in accordance with Section 3(c), at the Conversion Rate (as defined below). The Company shall not issue any fraction of a share of Common Stock upon any conversion. If the issuance would result in the issuance of a fraction of a share of Common Stock, the Company shall round such fraction of a share of Common Stock up to the nearest whole share. The Company shall pay any and all transfer, stamp and similar taxes that may be payable with respect to the issuance and delivery of Common Stock upon conversion of any Conversion Amount. The Holder shall have the right to deliver an effective conversion notice in the form attached hereto as Exhibit I (each, a "Conversion Notice") at any time until 11:59 p.m. (EST) on the chosen date and it shall be immediately effective.

(b) **Conversion Rate.** The number of shares of Common Stock issuable upon conversion of any Conversion Amount pursuant to Section 3(a) shall be determined by dividing (x) such Conversion Amount by (y) the Conversion Price (the "**Conversion Rate**").

(i) "**Conversion Amount**" means the sum of (A) the portion of the Principal to be converted, redeemed or otherwise with respect to which this determination is being made and (B) accrued and unpaid Interest with respect to such Principal.

(ii) "**Conversion Price**" shall be equal to \$0.04, as adjusted pursuant to the terms of this Note.

(c) **Mechanics of Optional Conversion and Adjustment:**

(i) **Registration; Book-Entry.** The Company shall maintain a register (the "**Register**") for the recordation of the holder of the Note and the Principal amount of the Note (and stated interest thereon) held by the Holder (the "**Registered Note**"). The entries in the Register, made in good faith, shall be conclusive and binding for all purposes absent manifest error. The Company and the Holder shall treat each Person whose name is recorded in the Register as the owner of the Note for all purposes, including, without limitation, the right to receive payments of Principal and Interest, if any, hereunder, notwithstanding notice to the contrary. Upon its receipt of a request to assign or sell all or part of the Registered Note by the Holder, the Company shall record the information contained therein in the Register and issue one or more new Registered Notes in the same aggregate Principal amount as the Principal amount of the surrendered Registered Note to the designated assignee or transferee pursuant to Section 14. Notwithstanding anything to the contrary in this Section 3(c)(i), the Holder may assign any Note or any portion thereof to an Affiliate of such Holder or a Related Fund of such Holder without delivering a request to assign or sell such Note to the Company and the recordation of such assignment or sale in the Register; provided, that (x) the Company may continue to deal solely with such assigning or selling Holder unless and until such Holder has delivered a request to assign or sell such Note or portion thereof to the Company for recordation in the Register; (y) the failure of such assigning or selling Holder to deliver a request to assign or sell such Note or portion thereof to the Company shall not affect the legality, validity, or binding effect of such assignment or sale and (z) such assigning or selling Holder shall, acting solely for this purpose as a non-fiduciary agent of the Company, maintain a register (the "**Related Party Register**") comparable to the Register on behalf of the Company, and any such assignment or sale shall be effective upon recordation of such assignment or sale in the Related Party Register. Notwithstanding anything to the contrary set forth herein, upon conversion of any portion of this Note in accordance with the terms hereof, the Holder shall not be required to physically surrender this Note to the Company unless the Holder has provided the Company with prior written notice (which notice may be included in a Conversion Notice) requesting reissuance of this Note upon physical surrender of this Note. The Holder and the Company shall maintain records showing the Principal and Interest converted and the dates of such conversions or shall use such other method, reasonably satisfactory to the Holder and the Company, so as not to require physical surrender of this Note upon conversion.



(ii) Registration Rights. This Note is issued pursuant to the terms of that certain Registration Rights Agreement dated August 5, 2022, by and among the Company, the Holder and the other parties thereto (the “**Registration Rights Agreement**”).

(iii) Optional Repayment (“Optional Redemption”). At the Company’s option and upon thirty (30) days’ notice to the Holder (the “**Optional Redemption Notice**”), the Note may be redeemed at any time at an amount equal to one hundred and twenty-five percent (125%) of the outstanding Principal and accrued and unpaid Interest (the “**Optional Redemption Price**”). Such notice shall specify the date of such Optional Redemption (the “**Optional Redemption Date**”). The foregoing notwithstanding, the Holder may convert any or all of this Note into shares of Common Stock pursuant to the terms of this Section 3 at any time the Note remains outstanding.

(d) Limitations on Conversions.

(i) Beneficial Ownership. Notwithstanding anything to the contrary contained in this Note, this Note shall not be convertible by the Holder hereof, and the Company shall not effect any conversion of this Note or otherwise issue any shares of Common Stock pursuant hereto, to the extent (but only to the extent) that after giving effect to such conversion or other share issuance hereunder the Holder (together with the Holder’s Affiliates, and any other Persons acting as a Group together with the Holder or any of the Holder’s Affiliates (such Persons, “**Attribution Parties**”)) would beneficially own in excess of 4.99% (or upon election of the Holder, 9.99%) (the “**Maximum Percentage**”) of the Common Stock. To the extent the above limitation applies, the determination of whether this Note shall be convertible (vis-à-vis other convertible, exercisable or exchangeable securities owned by the Holder and its Affiliates and Attribution Parties) shall, subject to such Maximum Percentage limitation, be determined on the basis of the first submission to the Company for conversion, exercise or exchange (as the case may be). No prior inability to convert this Note, or to issue shares of Common Stock, pursuant to this paragraph shall have any effect on the applicability of the provisions of this paragraph with respect to any subsequent determination of convertibility. For purposes of this paragraph, beneficial ownership and all determinations and calculations (including, without limitation, with respect to calculations of percentage ownership) shall be determined in accordance with Section 13(d) of the Exchange Act and the rules and regulations promulgated thereunder. The provisions of this paragraph shall be 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 Maximum Percentage beneficial ownership limitation herein contained or to make changes or supplements necessary or desirable to properly give effect to such Maximum Percentage limitation. The limitations contained in this paragraph shall apply to a successor Holder of this Note. The holders of Common Stock shall be third party beneficiaries of this paragraph and the Company may not waive this paragraph without the consent of holders of a majority of its Common Stock. 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, including by virtue of any prior conversion or exercise of convertible or exercisable securities into Common Stock, including, without limitation, pursuant to this Note or securities issued pursuant to the Purchase Agreement.

(ii) Principal Market Regulation. Unless permitted by the applicable rules and regulations of the Principal Market, the Company shall not issue any shares of Common Stock upon conversion of this Note if the issuance of such shares of Common Stock would exceed the aggregate number of shares of Common Stock which the Company may issue upon exercise or conversion (as the case may be) of the Note without breaching the Company's obligations under the rules or regulations of the Principal Market (the number of shares which may be issued without violating such rules and regulations, the "**Exchange Cap**"). Notwithstanding the foregoing, such limitation shall not apply in the event that the Company (A) obtains the approval of its stockholders as required by the applicable rules of the Principal Market for issuances of shares of Common Stock in excess of such amount or (B) obtains a written opinion from outside counsel to the Company that such approval is not required, which opinion shall be reasonably satisfactory to the Holder. In the event that any Holder shall sell or otherwise transfer any of such Holder's Note, the Exchange Cap restrictions set forth herein shall continue to apply to the Note and such transferee.

(iii) No Conversion until Sufficient Authorized and Unissued Shares Available. Notwithstanding anything herein to the contrary, this Note shall not be convertible into shares of Common Stock of the Company until such time as the Company's authorized and unissued shares of Common Stock are at a number sufficient to permit the conversion of this Note and the conversion or exercise, as applicable, of all other outstanding securities of the Company convertible into or exercisable for shares of Common Stock of the Company.

(e) Disputes. In the event of a dispute as to the number of shares of Common Stock issuable to the Holder in connection with a conversion of this Note, the Company shall issue to the Holder the number of shares of Common Stock not in dispute and resolve such dispute in accordance with Section 19.

(4) [RESERVED.]

(5) RIGHTS UPON EVENT OF DEFAULT.

(a) Event of Default. Each of the following events shall constitute an "**Event of Default**"; provided, however, that, except in the case of the Events of Default listed in Sections 5(a)(i), 5(a)(ix) or 5(a)(xxiv) below, the Company shall have five (5) Business Days after notice of default from the Holder to cure such Event of Default unless a lesser number of days is required pursuant to the provisions of this Section 5.

(i) Failure to Pay Principal or Interest. The Company fails to pay the Principal or Interest due at the Disbursement Maturity Date, liquidated damages and other amounts thereon when due on the Note whether at maturity, upon acceleration or otherwise.

(ii) Conversion and the Shares. The Company (i) fails to issue Conversion Shares to the Holder (or announces or threatens in writing that it will not honor its obligation to do so) upon exercise by the Holder of the conversion rights of the Holder in accordance with the terms of the Note, (ii) fails to transfer or cause its transfer agent to transfer (issue) (electronically or in certificated form) any certificate for the Conversion Shares issuable to the Holder upon conversion of or otherwise pursuant to the Note as and when required by the Note, or (iii) the Company directs its transfer agent not to transfer or delays, impairs, and/or hinders its transfer agent in transferring (or issuing) (electronically or in certificated form) any certificate for the Conversion Shares issuable to the Holder upon conversion of or otherwise pursuant to the Note as and when required by the Note, or fails to remove (or directs its transfer agent not to remove or impairs, delays, and/or hinders its transfer agent from removing) any restrictive legend (or to withdraw any stop transfer instructions in respect thereof) on any certificate for any Conversion Shares issued to the Holder upon conversion of or otherwise pursuant to the Note as and when required by the Note (or makes any written announcement, statement or threat that it does not intend to honor the obligations described in this paragraph) and any such failure shall continue uncured (or any written announcement, statement or threat not to honor its obligations shall not be rescinded in writing) for five (5) Business Days after the Holder shall have delivered a Conversion Notice. It is an obligation of the Company to remain current in its obligations to its transfer agent. It shall be an Event of Default of the Note, if a conversion of the Note is delayed, hindered or frustrated due to a balance owed by the Company to its transfer agent. If at the option of the Holder, the Holder advances any funds to the Company's transfer agent in order to process a conversion, such advanced funds shall be paid by the Company to the Holder within forty-eight (48) hours of a demand from the Holder. If Borrower is unable to do so, they shall have an opportunity to cure within five (5) Business Days.

(iii) Breach of Agreements and Covenants. The Company breaches any material agreement, covenant or other material term or condition contained in the Transaction Documents, and such breach results in a Material Adverse Effect on the business or assets of the Company; for the avoidance of doubt a failure of the Company to file a registration statement by the "Filing Date" and have the same declared effective by the "Effectiveness Date" as provided in the Registration Rights Agreement will constitute a breach of a material agreement that results in a Material Adverse Effect on the business of the Company for purposes of this Note and the Purchase Agreement.

(iv) Breach of Representations and Warranties. Any representation or warranty of the Company made in the Purchase Agreement or the Note, or in any agreement, statement or certificate given in writing pursuant hereto or in connection herewith or therewith shall be false or misleading in any material respect when made and the breach of which has (or with the passage of time will have) a Material Adverse Effect on the rights of the Holder with respect to the Note or the Purchase Agreement. In the event of such a breach, the Company shall have an opportunity to cure within five (5) Business Days.

(v) Receiver or Trustee. The Company or any subsidiary of the Company shall make an assignment for the benefit of creditors, or apply for or consent to the appointment of a receiver or trustee for it or for a substantial part of its property or business, or such a receiver or trustee shall otherwise be appointed. Under such circumstances, the Company shall have an opportunity to cure within sixty (60) calendar days.

(vi) Judgments. Any money judgment, writ or similar process shall be entered or filed against the Company or any subsidiary of the Company or any of its property or other assets for more than \$1,000,000 and shall remain unvacated, unbonded or unstayed for a period of twenty (20) calendar days unless otherwise consented to by the Holder, which consent will not be unreasonably withheld, conditioned or delayed.

(vii) Bankruptcy. Bankruptcy, insolvency, reorganization or liquidation proceedings or other proceedings, voluntary or involuntary, for relief under any bankruptcy law or any law for the relief of debtors shall be instituted by or against the Company or any subsidiary of the Company. Under such circumstances, the Company shall have an opportunity to cure within sixty (60) calendar days.

(viii) Delisting or Trading of Common Stock. The Company shall fail to maintain the listing or quotation of its Common Stock minimally on a Trading Market, which shall include the OTC pink sheets pro-rata based on the entire amount raised.

(ix) Failure to Comply with the Exchange Act. After the date hereof, the Company shall (a) fail to file all Form 10-Qs and Form 10-Ks within the time periods required by the Exchange Act or (b) cease to be subject to the reporting requirements of the Exchange Act.

(x) Liquidation. Any dissolution, liquidation, or winding up of the Company or any substantial portion of its business or assets.

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

(xii) Reverse Stock Split. The Company fails to reduce its outstanding shares via a reverse stock split to provide a number of authorized and unissued shares of Common Stock sufficient to permit the conversion of this Note and the conversion or exercise, as applicable, of all other outstanding securities of the Company convertible into or exercisable for shares of Common Stock of the Company on or before December 31, 2022.

(xiii) Depository Trust Company ("DTC") "Chill". The DTC places a "chill" (i.e., a restriction placed by DTC on one or more of DTC's services, such as limiting a DTC participant's ability to make a deposit or withdrawal of the security at DTC) on any of the Company's securities. In the event of such a breach, the Company shall have an opportunity to cure within twenty (20) Business Days.

(xiv) [Reserved.]

(xv) Default under Transaction Documents or Other Material Agreement. Other than those defaults or events of default previously disclosed by the Company in its SEC Reports (including any defaults and events of default that are continuing on and after the date hereof), including information contained or incorporated by reference therein as of the date hereof, a default or event of default (subject to any grace or cure period provided in the applicable agreement, document or instrument) shall occur under any Transaction Document or material agreement (which shall include, without limitation, all agreements filed with the SEC Reports), lease, document or instrument to which the Company or any Subsidiary is obligated and is identified in the Company's Form 10-K or other Exchange Act filings, which results in a Material Adverse Effect.

(xvi) [Reserved.]

(xvii) [Reserved.]

(xviii) Failure to Meet the Requirements under Rule 144. The Company does not meet the current public information requirements under Rule 144.

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

(xx) Trading Suspension. An SEC or judicial stop trade order or suspension from a Trading Market.

(xxi) Restatement of Financial Statements. The restatement after the date hereof of any financial statements filed by the Company with the SEC for any date or period from two years prior to the Issuance Date and until this Note is no longer outstanding, if the result of such restatement would, by comparison to the unrestated financial statements, have constituted a Material Adverse Effect. For the avoidance of doubt, any restatement related to new accounting pronouncements shall not constitute a default under this Section.

(xxii) [Reserved.]

(xxiii) Invalidity or Unenforceability of Transaction Documents. Any material provision of any Transaction Document shall at any time for any reason (other than pursuant to the express terms thereof) cease to be valid and binding on or enforceable against the Company, or the validity or enforceability thereof shall be contested by the Company, or a proceeding shall be commenced by the Company or any governmental authority having jurisdiction over the Company or the Holder, seeking to establish the invalidity or unenforceability thereof, or the Company shall deny in writing that it has any liability or obligation purported to be created under any Transaction Document.

(xxiv) Effective Registration Statement. Failure to comply with the Registration Rights Agreement or Purchase Agreement.

(b) Redemption Right. At any time after the Holder becoming aware of an Event of Default, the Holder may require the Company to redeem (an “**Event of Default Redemption**”) all or any portion of this Note by delivering written notice thereof (the “**Event of Default Redemption Notice**”) to the Company, which Event of Default Redemption Notice shall indicate the portion of this Note the Holder is electing to require the Company to redeem and the date of such Event of Default Redemption (the “**Event of Default Redemption Date**”). Each portion of this Note subject to redemption by the Company pursuant to this Section 5(b) shall be redeemed by the Company in cash by wire transfer of immediately available funds at a price equal to Principal plus accrued and unpaid Interest calculated from the Event of Default at the Default Interest Rate (the “**Event of Default Redemption Price**”) together with liquidated damages of \$250,000 pro-rata based on the entire amount raised plus an amount in cash equal to 1% of the Event of Default Redemption Price for each 30 day period during which redemptions fail to be made with a cap at 5%. Redemptions required by this Section 5(b) shall be made in accordance with the provisions of Section 10. To the extent an Event of Default Redemption is deemed or determined by a court of competent jurisdiction to be a prepayment of the Note by the Company, such redemption shall be deemed to be a voluntary prepayment. Notwithstanding anything to the contrary in this Section 5, but subject to Section 3(b)(ii) and 3(d), until the Event of Default Redemption Price (together with any interest thereon) is paid in full, the Conversion Amount submitted for redemption under this Section 5(b) (together with any interest thereon) may be converted, in whole or in part, by the Holder into Common Stock pursuant to Section 3. The parties hereto agree that in the event of the Company’s redemption of any portion of the Note under this Section 5(b), the Holder’s damages would be uncertain and difficult to estimate because of the parties’ inability to predict future interest rates and the uncertainty of the availability of a suitable substitute investment opportunity for the Holder. Accordingly, any Event of Default Redemption Price due under this Section 5(b) is intended by the parties to be, and shall be deemed, a reasonable estimate of the Holder’s actual loss of its investment opportunity and not as a penalty.

(6) RIGHTS UPON FUNDAMENTAL TRANSACTION. If, at any time while this Note is outstanding, the Company effects a Fundamental Transaction, then, upon any subsequent conversion of this Note, the Holder shall have the right to receive, for each Conversion Share that would have been issuable upon such conversion immediately prior to the occurrence of such Fundamental Transaction, the same kind and amount of securities, cash or property as it would have been entitled to receive upon the occurrence of such Fundamental Transaction if it had been, immediately prior to such Fundamental Transaction, the holder of one (1) share of Common Stock (the “Alternate Consideration”). For purposes of any such conversion, the determination of the Conversion Price shall be appropriately adjusted to apply to such Alternate Consideration based on the amount of Alternate Consideration issuable in respect of one (1) share of Common Stock in such Fundamental Transaction, and the Company shall apportion the Conversion Price among the Alternate Consideration in a reasonable manner reflecting the relative value of any different components of the Alternate Consideration. If holders of Common Stock are given any choice as to the securities, cash or property to be received in a Fundamental Transaction, then the Holder shall be given the same choice as to the Alternate Consideration it receives upon any conversion of this Note following such Fundamental Transaction. To the extent necessary to effectuate the foregoing provisions, any Successor Entity or Successor Entities to the Company or surviving entity in such Fundamental Transaction shall issue to the Holder a new Note consistent with the foregoing provisions and evidencing the Holder’s right to convert such Note into Alternate Consideration. The terms of any agreement pursuant to which a Fundamental Transaction is effected shall include terms requiring any such Successor Entity or Successor Entities to comply with the provisions of this Section 6 and insuring that this Note (or any such replacement security) will be similarly adjusted upon any subsequent transaction analogous to a Fundamental Transaction.

(7) DISTRIBUTION OF ASSETS; RIGHTS UPON ISSUANCE OF PURCHASE RIGHTS AND OTHER CORPORATE EVENTS.

(a) Distribution of Assets. If the Company shall declare or make any dividend or other distributions of its assets (or rights to acquire its assets) to any or all 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, options, evidence of Indebtedness or any other assets by way of a dividend, spin off, reclassification, corporate rearrangement, scheme of arrangement or other similar transaction) (the “**Distributions**”), then the Holder will be entitled to such Distributions as if the Holder had held the number of shares of Common Stock acquirable upon complete conversion of this Note (without taking into account any limitations or restrictions on the convertibility of this Note) immediately prior to the date on which a record is taken for such Distribution or, if no such record is taken, the date as of which the record holders of Common Stock are to be determined for such Distribution and the portion of such Distribution shall be held in abeyance for the Holder until such time or times as its right thereto would not result in the Holder and its Affiliates and Attribution Parties exceeding the Maximum Percentage, at which time or times the Holder shall be granted such rights (and any rights under this Section 7(a) on such initial rights or on any subsequent such rights to be held similarly in abeyance) to the same extent as if there had been no such limitation.

(b) Purchase Rights. 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 or receive, as applicable, upon the terms applicable to such Purchase Rights, the aggregate Purchase Rights which the Holder could have acquired if the Holder had held the number of shares of Common Stock acquirable upon complete conversion of this Note (without taking into account any limitations or restrictions on the convertibility of this Note) immediately prior to the date on which a record is taken for the grant, issuance or sale of such Purchase Rights, or, if no such record is taken, the date as of which the record holders of shares of Common Stock are to be determined for the grant, issue or sale of such Purchase Rights (provided, however, that to the extent that the Holder’s right to participate in any such Purchase Right would result in the Holder and its Affiliates and Attribution Parties exceeding the Maximum Percentage, then the Holder shall not be entitled to participate in such Purchase Right to such extent (and shall not be entitled to beneficial ownership of such shares of Common Stock as a result of such Purchase Right (and beneficial ownership) to such extent) and such Purchase Right to such extent shall be held in abeyance for the Holder until such time or times as its right thereto would not result in the Holder and its Affiliates and Attribution Parties exceeding the Maximum Percentage, at which time or times the Holder shall be granted such right (and any Purchase Right granted, issued or sold on such initial Purchase Right or on any subsequent Purchase Right to be held similarly in abeyance) to the same extent as if there had been no such limitation).

(c) Other Corporate Events. In addition to and not in substitution for any other rights hereunder, prior to the occurrence or consummation of any Fundamental Transaction pursuant to which holders of shares of Common Stock are entitled to receive securities, cash, assets or other property with respect to or in exchange for shares of Common Stock (a “**Corporate Event**”), the Company shall make appropriate provision to ensure that, and any applicable Successor Entity or Successor Entities shall ensure that, and it shall be a required condition to the occurrence or consummation of such Corporate Event that, the Holder will thereafter have the right to receive upon conversion of this Note at any time after the occurrence or consummation of the Corporate Event, shares of Common Stock or capital stock of the applicable Successor Entity or Successor Entities or, if so elected by the Holder, cash in lieu of the shares of Common Stock (or other securities, cash, assets or other property) purchasable upon the conversion of this Note 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 and any shares of Common Stock) which the Holder would have been entitled to receive upon the occurrence or consummation of such Corporate Event or the record, eligibility or other determination date for the event resulting in such Corporate Event, had this Note been converted immediately prior to such Corporate Event or the record, eligibility or other determination date for the event resulting in such Corporate Event (without regard to any limitations on conversion of this Note). Provision made pursuant to the preceding sentence shall be in a form and substance satisfactory to the Holder. The provisions of this Section 7 shall apply similarly and equally to successive Corporate Events.

(8) RIGHTS UPON ISSUANCE OF OTHER SECURITIES.

(a) Adjustment of Conversion Price upon Subdivision or Combination of Common Stock. If the Company at any time on or after the Issuance 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 Conversion Price in effect immediately prior to such subdivision will be proportionately reduced; provided, however, that the Conversion Price pursuant to this Section 8(a) shall never be less than \$0.01. If the Company at any time on or after the Issuance 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 Conversion Price in effect immediately prior to such combination will be proportionately increased.



(b) Adjustment Upon Issuance of Shares of Common Stock. If and whenever on or after the date hereof, the Company issues or sells, or in accordance with this Section 8(b) is deemed to have issued or sold, any shares of Common Stock (including the issuance or sale of shares of Common Stock owned or held by or for the account of the Company, but excluding any Exempt Issuance issued or sold or deemed to have been issued or sold) for a consideration per share (the “**New Issuance Price**”) less than a price equal to the Conversion Price in effect immediately prior to such issue or sale or deemed issuance or sale (such Conversion Price then in effect is referred to as the “**Applicable Price**”) (the foregoing a “**Dilutive Issuance**”), then immediately after such Dilutive Issuance, the Conversion Price then in effect shall be reduced to the New Issuance Price; provided, however, that the Conversion Price pursuant to this Section 8(b) shall never be less than \$0.01. For all purposes of the foregoing (including, without limitation, determining the adjusted Conversion Price and consideration per share under this Section 8(b)), the following shall be applicable:

(i) Issuance of Options. If the Company in any manner grants or sells any Options (other than Options that qualify as Exempt Issuances) and the lowest price per share for which one share of Common Stock is issuable upon the exercise of any such Option or upon conversion, exercise or exchange of any Convertible Securities issuable upon exercise of any such Option is less than the Applicable Price, then such share of Common Stock shall be deemed to be outstanding and to have been issued and sold by the Company at the time of the granting or sale of such Option for such price per share. For purposes of this Section 8(b)(i), the “lowest price per share for which one share of Common Stock is issuable upon the exercise of any such Options or upon conversion, exercise or exchange of any Convertible Securities issuable upon exercise of any such Option” shall be equal to (1) the lower of (x) the sum of the lowest amounts of consideration (if any) received or receivable by the Company with respect to any one share of Common Stock upon the granting or sale of such Option, upon exercise of such Option and upon conversion, exercise or exchange of any Convertible Security issuable upon exercise of such Option and (y) the lowest exercise price set forth in such Option for which one share of Common Stock is issuable upon the exercise of any such Options or upon conversion, exercise or exchange of any Convertible Securities issuable upon exercise of any such Option minus (2) the sum of all amounts paid or payable to the holder of such Option (or any other Person) upon the granting or sale of such Option, upon exercise of such Option and upon conversion, exercise or exchange of any Convertible Security issuable upon exercise of such Option plus the value of any other consideration received or receivable by, or benefit conferred on, the holder of such Option (or any other Person). Except as contemplated below, no further adjustment of the Conversion Price shall be made upon the actual issuance of such shares of Common Stock or of such Convertible Securities upon the exercise of such Options or upon the actual issuance of such shares of Common Stock upon conversion, exercise or exchange of such Convertible Securities.



(ii) Issuance of Convertible Securities. If the Company in any manner issues or sells any Convertible Securities (other than Convertible Securities that qualify as Exempt Issuances) and the lowest price per share for which one share of Common Stock is issuable upon the conversion, exercise or exchange thereof is less than the Applicable Price, then such share of Common Stock shall be deemed to be outstanding and to have been issued and sold by the Company at the time of the issuance or sale of such Convertible Securities for such price per share. For the purposes of this Section 8(b)(ii), the “lowest price per share for which one share of Common Stock is issuable upon the conversion, exercise or exchange thereof” shall be equal to (1) the lower of (x) the sum of the lowest amounts of consideration (if any) received or receivable by the Company with respect to one share of Common Stock upon the issuance or sale of the Convertible Security and upon conversion, exercise or exchange of such Convertible Security and (y) the lowest conversion price set forth in such Convertible Security for which one share of Common Stock is issuable upon conversion, exercise or exchange thereof minus (2) the sum of all amounts paid or payable to the holder of such Convertible Security (or any other Person) upon the issuance or sale of such Convertible Security plus the value of any other consideration received or receivable by, or benefit conferred on, the holder of such Convertible Security (or any other Person). Except as contemplated below, no further adjustment of the Conversion Price shall be made upon the actual issuance of such shares of Common Stock upon conversion, exercise or exchange of such Convertible Securities, and if any such issue or sale of such Convertible Securities is made upon exercise for which adjustment of this Note has been or is to be made pursuant to other provisions of this Section 8(b)(ii), except as contemplated below, no further adjustment of the Conversion Price shall be made by reason of such issue or sale.

(iii) Change in Option Price or Rate of Conversion. If the purchase or exercise price provided for in any Options, the additional consideration, if any, payable upon the issue, conversion, exercise or exchange of any Convertible Securities, or the rate at which any Convertible Securities are convertible into or exercisable or exchangeable for shares of Common Stock increases or decreases at any time, the Conversion Price in effect at the time of such increase or decrease shall be adjusted to the Conversion Price which would have been in effect at such time had such Options or Convertible Securities provided for such increased or decreased purchase price, additional consideration or increased or decreased conversion rate, as the case may be, at the time initially granted, issued or sold. For purposes of this Section 8(b)(iii), if the terms of any Option or Convertible Security that was outstanding as of the date of issuance of this Note are increased or decreased in the manner described in the immediately preceding sentence, then such Option or Convertible Security and the shares of Common Stock deemed issuable upon exercise, conversion or exchange thereof shall be deemed to have been issued as of the date of such increase or decrease. No adjustment pursuant to this Section 8(b) shall be made if such adjustment would result in an increase of the Conversion Price then in effect.

(iv) Calculation of Consideration Received. If any Option and/or Convertible Security is issued in connection with the issuance or sale or deemed issuance or sale of any other securities of the Company (as determined by the Holder, the “Primary Security,” and such Option and/or Convertible Security, the “Secondary Securities”), together comprising one integrated transaction, the consideration per share of Common Stock with respect to such Primary Security shall be deemed to be equal to the difference of (x) the lowest price per share for which one share of Common Stock was issued in such integrated transaction (or was deemed to be issued pursuant to Section 8(b)(i) or 8(b)(ii) above, as applicable) solely with respect to such Primary Security, minus (y) with respect to such Secondary Securities, the fair market value of such Secondary Securities as agreed to by the Company and the Holder and absent such agreement by an independent, reputable appraiser jointly selected by the Company and the Holder. The determination of such appraiser shall be final and binding upon all parties absent manifest error and the fees and expenses of such appraiser shall be borne by the Company.

(c) Company Conversion Right and Adjustment of Conversion Price Upon Listing. If the Company lists its shares of Common Stock on the Nasdaq Capital Market, then, upon the approval of the Board of Directors, all Principal and accrued and unpaid Interest under this Note shall automatically convert into Common Stock at the then effective Conversion Price. Notwithstanding the foregoing, if, for the five (5) Trading Day period immediately prior to such approval by the Board of Directors, the average VWAP of the listed Common Stock (the “Post-Listing Threshold Price”) is less than \$0.04 per share (as adjusted for any reverse stock split, stock split, dividend or other distribution, recapitalization or similar event with respect to the Common Stock that occurs after the date hereof), then the Conversion Price then in effect shall be reduced to the greater of (i) the Post-Listing Threshold Price and (ii) \$0.01.

(d) Calculations. All calculations under this Section 8 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 8, the number of shares of Common Stock deemed to be issued and outstanding as of a given date shall be the sum of the number of shares of Common Stock (excluding any treasury shares of Company) issued and outstanding.

(e) Notice to the Holder.

(i) Adjustment to Conversion Price. Whenever the Conversion Price is adjusted pursuant to any provision of this Section 8, the Company shall provide to each Holder a notice setting forth the Conversion Price after such adjustment and setting forth a brief statement of the facts requiring such adjustment within two (2) Business Days of such event.

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

(f) Voluntary Adjustment by Company. The Company may at any time during the term of this Note, with the prior written consent of each Holder so affected, reduce the then current Conversion Price to any amount and for any period of time deemed appropriate by the Board of Directors of the Company.

(9) NONCIRCUMVENTION. The Company hereby covenants and agrees that the Company will not, by amendment of its Articles of Incorporation, Bylaws or through any reorganization, transfer of assets, consolidation, merger, scheme of arrangement, dissolution, issue or sale of securities, or any other voluntary action, avoid or seek to avoid the observance or performance of any of the terms of this Note, and will at all times in good faith carry out all of the provisions of this Note and take all action as may be required to protect the rights of the Holder of this Note.

(10) REDEMPTIONS. In the case of a redemption, the Company shall deliver the Event of Default Redemption Price or the Optional Redemption Price to the Holder on or prior to the Event of Default Redemption Date or the Optional Redemption Date, respectively. The Company shall pay the applicable Event of Default Redemption Price or Optional Redemption Price to the Holder in cash by wire transfer of immediately available funds pursuant to wire instructions provided by the Holder in writing to the Company on the applicable due date. In the event of a redemption of less than all of the Conversion Amount of this Note, the Company shall promptly cause to be issued and delivered to the Holder a new Note (in accordance with Section 14(d)) representing the outstanding Principal which has not been redeemed and any accrued Interest on such Principal which shall be calculated as if no Redemption Notice had been delivered. In the event that the Company does not pay the applicable Redemption Price to the Holder within the time period required, at any time thereafter and until the Company pays such unpaid Redemption Price in full, the Holder shall have the option, in lieu of redemption, to require the Company to promptly return to the Holder all or any portion of this Note representing the Conversion Amount that was submitted for redemption and for which the applicable Redemption Price has not been paid. Upon the Company's receipt of such notice, (x) the applicable Redemption Notice shall be null and void with respect to such Conversion Amount, (y) the Company shall immediately return this Note, or issue a new Note (in accordance with Section 14(d)) to the Holder representing such Conversion Amount to be redeemed and (z) the Conversion Price of this Note or such new Notes shall be adjusted to the lesser of (A) the Conversion Price as in effect on the date on which the applicable Redemption Notice is voided and (B) the lowest Closing Bid Price of the Common Stock during the period beginning on and including the date on which the applicable Redemption Notice is delivered to the Company and ending on and including the date on which the applicable Redemption Notice is voided; provided, however, that in no event shall the Conversion Price be a price less than the Market Price.

(11) VOTING RIGHTS. The Holder shall have no voting rights as the holder of this Note, except as required by law and as expressly provided in this Note.

(12) COVENANTS.

(a) Incurrence of Indebtedness. So long as this Note is outstanding, the Company shall not, and the Company shall not permit any of its Subsidiaries to, directly or indirectly, incur or guarantee, assume or suffer to exist any Indebtedness, other than Permitted Indebtedness.

(b) Existence of Liens. So long as this Note is outstanding, the Company shall not, and the Company shall not permit any of its Subsidiaries to, directly or indirectly, allow or suffer to exist any Liens other than Permitted Liens.

(c) Change in Nature of Business. The Company shall not make, or permit any of its Subsidiaries to make, any change in the nature of its business as described in the Company's most recent Annual Report filed on Form 10-K with the SEC. The Company shall not modify its corporate structure or purpose.

(d) [Reserved.]

(e) Preservation of Existence, Etc. The Company shall maintain and preserve, and cause each of its Subsidiaries to maintain and preserve, its existence, rights and privileges, and become or remain, and cause each of its Subsidiaries to become or remain, duly qualified and in good standing in each jurisdiction in which the character of the properties owned or leased by it or in which the transaction of its business makes such qualification necessary.

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

(g) Maintenance of Insurance. The Company shall maintain, and cause each of its Subsidiaries to maintain, insurance with responsible and reputable insurance companies or associations (including, without limitation, comprehensive general liability, hazard, rent and business interruption insurance) with respect to its properties (including all real properties leased or owned by it) and business, in such amounts and covering such risks as is required by any governmental authority having jurisdiction with respect thereto or as is carried generally in accordance with sound business practice by companies in similar businesses similarly situated.

(h) Transactions with Affiliates. The Company shall not, nor shall it permit any of its Subsidiaries to, enter into, renew, extend or be a party to, any transaction or series of related transactions (including, without limitation, the purchase, sale, lease, transfer or exchange of property or assets of any kind or the rendering of services of any kind) with any Affiliate, except for Permitted Indebtedness or in the ordinary course of business in a manner and to an extent consistent with past practice and necessary or desirable for the prudent operation of its business, for fair consideration and on terms no less favorable to it or its Subsidiaries than would be obtainable in a comparable arm's length transaction with a Person that is not an Affiliate thereof.

(i) Corporate Changes. The Company shall not change its corporate name, legal form or jurisdiction of formation without twenty (20) calendar days' prior written notice to Holder. The Company shall not enter into or be party to a Fundamental Transaction unless in accordance with Section 6 hereof. The Company shall not relocate its chief executive office or its principal place of business unless it has provided prior written notice to the Holder.

(j) [Reserved.]

(k) Charter Amendments. The Company shall not amend its charter documents, including, without limitation, its Articles of Incorporation and Bylaws, in any manner that materially and adversely affects any rights of the Holder.

(l) Repurchase. The Company shall not repay, repurchase or offer to repay, repurchase or otherwise acquire more than a de minimis number of shares of its Common Stock or common stock equivalents other than as to the Conversion Shares as permitted or required under the Transaction Documents.

(m) Redemption. The Company shall not redeem, defease, repurchase, repay or make any payments in respect of, by the payment of cash or cash equivalents (in whole or in part, whether by way of open market purchases, tender offers, private transactions or otherwise), all or any portion of any Indebtedness (other than the Note if on a pro-rata basis), whether by way of payment in respect of principal of (or premium, if any) or interest on, such Indebtedness; the foregoing restriction shall not apply to Permitted Indebtedness except upon the occurrence of an Event of Default.

(n) Declaration. The Company shall not 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.

(13) TRANSFER. This Note and any shares of Common Stock issued upon conversion of this Note may be offered, sold, assigned or transferred according to the Purchase Agreement.

(14) REISSUANCE OF THIS NOTE.

(a) Transfer. If this Note is to be transferred, the Holder shall instruct the Company who the new Holder will be, and this Note will be automatically cancelled. The Company will issue and deliver the new Note within two (2) Business Days of such notice.

(b) Lost, Stolen or Mutilated Note. Upon receipt by the Company of evidence reasonably satisfactory to the Company of the loss, theft, destruction or mutilation of this Note, 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 Note, the Company shall execute and deliver to the Holder a new Note (in accordance with Section 14(d)) representing the then outstanding Principal amount of the Note.

(c) Note Exchangeable for Different Denominations. This Note is exchangeable, upon the surrender hereof by the Holder at the principal office of the Company, for a new Note or Notes (in accordance with Section 14(d)) representing in the aggregate the outstanding Principal of this Note, and each such new Note will represent such portion of such outstanding Principal as is designated by the Holder at the time of such surrender.

(d) Issuance of New Notes. Whenever the Company is required to issue a new Note pursuant to the terms of this Note, such new Note (i) shall be of like tenor with this Note, (ii) shall represent, as indicated on the face of such new Note, the Principal remaining outstanding (or in the case of a new Note being issued pursuant to Section 14(a) or Section 14(c), the Principal designated by the Holder which, when added to the Principal represented by the other new Notes issued in connection with such issuance, does not exceed the Principal remaining outstanding under this Note immediately prior to such issuance of new Notes), (iii) shall have an issuance date, as indicated on the face of such new Note, which is the same as the Issuance Date of this Note, (iv) shall have the same rights and conditions as this Note, and (v) shall represent accrued and unpaid Interest on the Principal and Interest of this Note, from the Issuance Date.

(15) REMEDIES, CHARACTERIZATIONS, OTHER OBLIGATIONS, BREACHES AND INJUNCTIVE RELIEF.

The remedies provided in this Note shall be cumulative and in addition to all other remedies available under this Note and any of 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 Holder's right to pursue actual and consequential damages for any failure by the Company to comply with the terms of this Note. Amounts set forth or provided for herein with respect to payments, conversion, redemption and the like (and the computation thereof) shall be the amounts to be received by the Holder and shall not, except as expressly provided herein, be subject to any other obligation of the Company (or the performance thereof). 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 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.

(16) PAYMENT OF COLLECTION, ENFORCEMENT AND OTHER COSTS. If (a) this Note is placed in the hands of an attorney for collection or enforcement or is collected or enforced through any legal proceeding or the Holder otherwise takes action to collect amounts due under this Note or to enforce the provisions of this Note or (b) there occurs any bankruptcy, reorganization, receivership of the Company or other proceedings affecting Company creditors' rights and involving a claim under this Note, then the Company shall pay the reasonable and documented out-of-pocket costs and expenses incurred by the Holder for such collection, enforcement or action or in connection with such bankruptcy, reorganization, receivership or other proceeding, including, but not limited to, attorneys' fees and disbursements.

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

(18) FAILURE OR INDULGENCE NOT WAIVER. No failure or delay on the part of the Holder in the exercise of any power, right or privilege hereunder shall operate as a waiver thereof, nor shall any single or partial exercise of any such power, right or privilege preclude other or further exercise thereof or of any other right, power or privilege.

(19) DISPUTE RESOLUTION. In the case of a dispute as to the determination of the arithmetic calculation of the Conversion Rate, the Conversion Price or any Redemption Price, the Company shall submit the disputed determinations or arithmetic calculations via facsimile or electronic mail within one (1) Business Day of receipt, or deemed receipt, of the Conversion Notice or Redemption Notice or other event 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 within two (2) 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 or electronic mail the disputed arithmetic calculation of the Conversion Rate, Conversion Price or any Redemption Price to an independent, outside accountant, selected by the Holder and approved by the Company, such approval not to be unreasonably withheld, conditioned or delayed. The Company, at the Company's expense, shall cause the accountant to perform the determinations or calculations and notify the Company and the Holder of the results no later than five (5) 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.

(20) NOTICES; PAYMENTS.

(a) Notices. All notices, demands, requests, consents, approvals, and other communications required or permitted hereunder shall be in writing and, unless otherwise specified herein, shall be (i) personally served, (ii) deposited in the mail, registered or certified, return receipt requested, postage prepaid, (iii) delivered by reputable air courier service with charges prepaid, or (iv) transmitted by hand delivery, telegram, facsimile, or electronic mail, addressed as set forth below or to such other address as such party shall have specified most recently by written notice. Any notice or other communication required or permitted to be given hereunder shall be deemed effective (a) upon hand delivery or delivery by facsimile, with accurate confirmation generated by the transmitting facsimile machine, at the address or number designated below (if delivered on a Business Day during normal business hours where such notice is to be received), or the first Business Day following such delivery (if delivered other than on a Business Day during normal business hours where such notice is to be received), or (b) upon receipt, when sent by electronic mail (provided confirmation of transmission is electronically generated and kept on file by the sending party), or (c) on the second Business Day following the date of mailing by express courier service, fully prepaid, addressed to such address, or upon actual receipt of such mailing, whichever shall first occur. The addresses for such communications shall be: (i) if to the Company, to: SANUWAVE Health, Inc., 11495 Valley View Road, Eden Prairie, MN 55344, Attn: Kevin Richardson, Email: kevin.richardson@sanuwave.com, and (ii) if to the Holder, to the address and email address indicated in the Purchase Agreement. Without limiting the generality of the foregoing, the Company shall give written notice to the Holder (i) immediately upon any adjustment of the Conversion Price, setting forth in reasonable detail, and certifying, the calculation of such adjustment and (ii) at least twenty (20) calendar 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 Common Stock, (B) with respect to any pro rata subscription offer to holders of Common Stock 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.



(b) Payments. Whenever any payment of cash is to be made by the Company to any Person pursuant to this Note, such payment shall be made in lawful money of the United States of America by a check drawn on the account of the Company and sent via overnight courier service to such Person at such address as previously provided to the Company in writing; provided, that the Holder may elect to receive a payment of cash via wire transfer of immediately available funds by providing the Company with prior written notice setting out such request and the Holder's wire transfer instructions. Whenever any amount expressed to be due by the terms of this Note is due on any day, which is not a Business Day, the same shall instead be due on the next succeeding day, which is a Business Day.

(21) CANCELLATION. After all Principal, accrued Interest and other amounts at any time owed on this Note have been paid in full, this Note shall automatically be deemed canceled, shall be surrendered to the Company for cancellation and shall not be reissued.

(22) WAIVER OF NOTICE. To the extent permitted by law, the Company hereby waives demand, notice, protest and all other demands and notices in connection with the delivery, acceptance, performance, default or enforcement of this Note.

(23) GOVERNING LAW; JURISDICTION; JURY TRIAL. All questions concerning the construction, validity, enforcement and interpretation of this Note shall be governed by and construed and enforced in accordance with the internal laws of the State of New York, without regard to the principles of conflicts of law thereof. The Company agrees that all legal proceedings concerning the interpretations, enforcement and defense of the transactions contemplated by this Note (whether brought against the Company, the Holder or their respective affiliates, directors, officers, shareholders, employees or agents) shall be commenced exclusively in the state and federal courts sitting in the City of New York, County of New York. The Company 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 improper or is an inconvenient venue for such proceeding. The Company hereby irrevocably waives personal service of process and consents to process being served in any such suit, action or proceeding by mailing a copy thereof via registered or certified mail or overnight delivery (with evidence of delivery) to it at the address in effect for notices to it under the Purchase Agreement and agrees that such service shall constitute good and sufficient service of process and notice thereof. Nothing contained herein shall be deemed to limit in any way any right to serve process in any other manner permitted by law. If the Company or a Holder shall commence an action or proceeding to enforce any provisions of the Note, then the prevailing party in such action or proceeding shall be reimbursed by the other party for its reasonable and documented out-of-pocket attorneys' fees and other reasonable and documented out-of-pocket costs and expenses incurred with the investigation, preparation and prosecution of such action or proceeding. **IN ANY ACTION, SUIT, OR PROCEEDING IN ANY JURISDICTION BROUGHT BY ANY PARTY AGAINST ANY OTHER PARTY, THE COMPANY KNOWINGLY AND INTENTIONALLY, TO THE GREATEST EXTENT PERMITTED BY APPLICABLE LAW, HEREBY ABSOLUTELY, UNCONDITIONALLY, IRREVOCABLY AND EXPRESSLY WAIVES FOREVER TRIAL BY JURY.**

(24) SEVERABILITY. If any provision of this Note 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 Note so long as this Note 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).

(25) DISCLOSURE. Upon receipt or delivery by the Company of any notice in accordance with the terms of this Note, unless the Company has in good faith determined that the matters relating to such notice do not constitute material, nonpublic information relating to the Company or its Subsidiaries, the Company shall within one (1) Business Day after any such receipt or delivery publicly disclose such material, nonpublic information on a Current Report on Form 8-K or otherwise. In the event that the Company believes that a notice contains material, nonpublic information relating to the Company or its Subsidiaries, the Company so shall indicate to such Holder contemporaneously with delivery of such notice, and in the absence of any such indication, the Holder shall be allowed to presume that all matters relating to such notice do not constitute material, nonpublic information relating to the Company or its Subsidiaries.

(26) CERTAIN DEFINITIONS. For purposes of this Note, the following terms shall have the following meanings:

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

(b) “**Attribution Parties**” means, collectively, the following Persons and entities: (i) any investment vehicle, including, any funds, feeder funds or managed accounts, currently, or from time to time after the Issuance Date, directly or indirectly managed or advised by the Holder’s investment manager or any of its Affiliates or principals, (ii) any direct or indirect Affiliates of the Holder or any of the foregoing, (iii) any Person acting or who could be deemed to be acting as a Group together with the Holder or any of the foregoing and (iv) any other Persons whose beneficial ownership of the Common Stock would or could be aggregated with the Holder and the other Attribution Parties for purposes of Section 13(d) of the Exchange Act. For clarity, the purpose of the foregoing is to subject collectively the Holder and all other Attribution Parties to the Maximum Percentage.



(c) “**Bloomberg**” means Bloomberg L.P.

(d) “**Closing Date**” shall have the meaning ascribed to such term in the Purchase Agreement.

(e) “**Closing Bid Price**” means, for any security as of any date, the last closing bid price 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, then the last bid price of such security prior to 4:00 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 of such security on the principal securities exchange or trading market where such security is listed or quoted for trading as reported by Bloomberg, or if the foregoing do not apply, the last closing bid price 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 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 OTC Link or “pink sheets” by OTC Markets Group Inc. (formerly Pink OTC Markets Inc.). If the Closing Bid Price cannot be calculated for a security on a particular date on any of the foregoing bases, the Closing Bid 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 19. All such determinations shall be appropriately adjusted for any stock dividend, reverse stock split, stock split, stock combination, reclassification or similar transaction during the applicable calculation period.

(f) “**Common Stock**” the common stock of the Company, par value \$0.001 per share, and any other class of securities into which such securities may hereafter be reclassified or changed.

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

(h) “**Default Interest Rate**” means 20.0% per annum.

(i) “**Disbursement Maturity Date**” means the date that is twelve (12) months from the date hereof.

(j) “**Equity Interests**” means (a) all shares of capital stock (whether denominated as common capital stock or preferred capital stock), equity interests, beneficial, partnership or membership interests, joint venture interests, participations or other ownership or profit interests in or equivalents (regardless of how designated) of or in a Person (other than an individual), whether voting or non-voting and (b) all securities convertible into or exchangeable for any of the foregoing and all warrants, options or other rights to purchase, subscribe for or otherwise acquire any of the foregoing, whether or not presently convertible, exchangeable or exercisable.

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

(l) “**Fundamental Transaction**” means (A) that the Company shall, directly or indirectly, including through Subsidiaries, Affiliates or otherwise, in one or more related transactions, (i) consolidate or merge with or into (whether or not the Company is the surviving corporation) another Subject Entity, or (ii) sell, assign, transfer, convey or otherwise dispose of in excess of 30% of the properties or assets of the Company or any of its “significant subsidiaries” (as defined in Rule 1-02 of Regulation S-X) to one or more Subject Entities, or (iii) make, or allow one or more Subject Entities to make, or allow the Company to be subject to or have its Common Stock be subject to or party to one or more Subject Entities making, a purchase, tender or exchange offer that is accepted by the holders of at least either (x) 50% of the outstanding shares of Common Stock, (y) 50% of the outstanding shares of Common Stock calculated as if any shares of Common Stock held by all Subject Entities making or party to, or Affiliated with any Subject Entities making or party to, such purchase, tender or exchange offer were not outstanding; or (z) such number of shares of Common Stock such that all Subject Entities making or party to, or Affiliated with any Subject Entity making or party to, such purchase, tender or exchange offer, become collectively the beneficial owners (as defined in Rule 13d-3 under the Exchange Act) of at least 50% of the outstanding shares of Common Stock, or (iv) consummate a stock purchase agreement or other business combination (including, without limitation, a reorganization, recapitalization, spin-off or scheme of arrangement) with one or more Subject Entities whereby such Subject Entities, individually or in the aggregate, acquire, either (x) at least 50% of the outstanding shares of Common Stock, (y) at least 50% of the outstanding shares of Common Stock calculated as if any shares of Common Stock held by all the Subject Entities making or party to, or Affiliated with any Subject Entity making or party to, such stock purchase agreement or other business combination were not outstanding; or (z) such number of shares of Common Stock such that the Subject Entities become collectively the beneficial owners (as defined in Rule 13d-3 under the Exchange Act) of at least 50% of the outstanding shares of Common Stock, or (v) reorganize, recapitalize or reclassify its Common Stock, (B) that the Company shall, directly or indirectly, including through Subsidiaries, Affiliates or otherwise, in one or more related transactions allow any Subject Entity individually or the Subject Entities in the aggregate to be or become the “beneficial owner” (as defined in Rule 13d-3 under the Exchange Act), directly or indirectly, whether through acquisition, purchase, assignment, conveyance, tender, tender offer, exchange, reduction in outstanding shares of Common Stock, merger, consolidation, business combination, spin-off, scheme of arrangement, reorganization, recapitalization or reclassification or otherwise in any manner whatsoever, of either (x) at least 50% of the aggregate ordinary voting power represented by issued and outstanding Common Stock, (y) at least 50% of the aggregate ordinary voting power represented by issued and outstanding Common Stock not held by all such Subject Entities as of the date hereof calculated as if any shares of Common Stock held by all such Subject Entities were not outstanding, or (z) a percentage of the aggregate ordinary voting power represented by issued and outstanding shares of Common Stock or other equity securities of the Company sufficient to allow such Subject Entities 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 or (C) directly or indirectly, including through Subsidiaries, Affiliates or otherwise, in one or more related transactions, the issuance of or the entering into any other instrument or transaction structured in a manner to circumvent, or that circumvents, the intent of this definition in which case this definition shall be construed and implemented in a manner otherwise than in strict conformity with the terms of this definition to the extent necessary to correct this definition or any portion of this definition which may be defective or inconsistent with the intended treatment of such instrument or transaction.

(m) “**GAAP**” means United States generally accepted accounting principles, consistently applied.

(n) “**Group**” means a “group” as that term is used in Section 13(d) of the Exchange Act and as defined in Rule 13d-5 thereunder.

(o) “**Holiday**” means a day other than a Business Day or on which trading does not take place on the Principal Market.

(p) “**Interest Rate**” means 15.0% per annum.

(q) “**Market Price**” shall mean the lowest Closing Bid Price on the Closing Date.

(r) “**North Haven Note Purchase Agreement**” means that certain Note and Warrant Purchase and Security Agreement, dated as of August 6, 2020, by and among NH Expansion Credit Fund Holdings LP, as agent, the holders from time to time party thereto, and the Company, as amended.

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

(t) “**Parent Entity**” of a Person means an entity that, directly or indirectly, controls the applicable Person, including such entity whose common capital stock or equivalent equity security is quoted or listed on a Trading Market (or, if so elected by the Holder, any other market, exchange or quotation system), or, if there is more than one such Person or such entity, the Person or entity designated by the Holder or in the absence of such designation, such Person or such entity with the largest public market capitalization as of the date of consummation of the Fundamental Transaction.

(u) “**Permitted Indebtedness**” means (i) Indebtedness evidenced by this Note; (ii) debt incurred to make acquisitions; (iii) trade payables incurred in the ordinary course of business consistent with past practice, (iv) unsecured indebtedness not in excess of \$100,000 in the aggregate, (v) the Indebtedness set forth on Schedule 27(v) hereto; (vi) Indebtedness secured by Permitted Liens; (vii) Indebtedness with respect to surety bonds and similar obligations not to exceed \$100,000, in each case incurred in the ordinary course of business; (viii) Indebtedness incurred as a result of endorsing negotiable instruments received in the ordinary course of business; (ix) Indebtedness evidenced by the North Haven Note Purchase Agreement and the Notes (as defined therein) issued in connection therewith; (x) Indebtedness evidenced by the Permitted Notes, (xi) indebtedness incurred as a result of a loan made by any current officer, director, or employee of the Company, and (xii) indebtedness relating to a credit facility, revolving credit facility, asset backed loan, factoring arrangement or similar financing; provided that such facility, loan or financing is made on commercially reasonable terms and in any case does not involve the payment by the Company of interest at a rate in excess of twenty percent (20%) per year on amounts advanced to the Company thereunder

(v) “**Permitted Liens**” means (i) any Lien for taxes not yet due or delinquent or being contested in good faith by appropriate proceedings for which adequate reserves have been established in accordance with GAAP, (ii) any statutory Lien arising in the ordinary course of business by operation of law with respect to a liability that is not yet due or delinquent, (iii) any Lien created by operation of law, such as materialmen's liens, mechanics' liens and other similar liens, arising in the ordinary course of business with respect to a liability that is not yet due or delinquent or that are being contested in good faith by appropriate proceedings, (iv) Liens (A) upon or in any equipment acquired or held by the Company or any of its Subsidiaries to secure the purchase price of such equipment or Indebtedness incurred solely for the purpose of financing the acquisition or lease of such equipment, or (B) existing on such equipment at the time of its acquisition, provided that the Lien is confined solely to the property so acquired and improvements thereon, and the proceeds of such equipment, (v) Liens incurred in connection with the extension, renewal or refinancing of the Indebtedness secured by Liens of the type described in clause (iv) above, provided that any extension, renewal or replacement Lien shall be limited to the property encumbered by the existing Lien and the principal amount of the Indebtedness being extended, renewed or refinanced does not increase, (vi) leases or subleases and licenses and sublicenses granted to others in the ordinary course of the Company's business, not interfering in any material respect with the business of the Company and its Subsidiaries taken as a whole, (vii) Liens in favor of customs and revenue authorities arising as a matter of law to secure payments of custom duties in connection with the importation of goods, (viii) Liens arising from judgments, decrees or attachments in circumstances not constituting an Event of Default under Section 5(a)(vi), (ix) Liens listed on Schedule 27(v) hereto and (x) Liens to secure repayment of the North Haven Note Purchase Agreement and the Notes (as defined therein).

(w) “**Permitted Notes**” means (a) that certain Convertible Promissory Note, dated as of August 6, 2020, by and between the Company and Celularity Inc., a Delaware corporation, in the original principal amount of \$4,000,000, (b) that certain Convertible Promissory Note, dated as of August 6, 2020, by and between the Company and HealthTronics, Inc., a Georgia corporation, in the original principal amount of \$1,72,743, and (c) that certain Convertible Promissory Note, dated as of August 6, 2020, by and between the Company and A. Michael Stolarski, in the original principal amount of \$223,511.26.

(x) “**Principal Market**” means the OTCQB tier of the OTC Markets or any successor principal Trading Market for the Common Stock.

(y) “**Redemption Dates**” means, collectively, the Event of Default Redemption Dates, and the Optional Redemption Dates, each of the foregoing, individually, a Redemption Date.

(z) “**Redemption Notices**” means, collectively, the Event of Default Redemption Notices, and the Optional Redemption Notices, each of the foregoing, individually, a Redemption Notice.

(aa) “**Related Fund**” means, with respect to any Person, a fund or account managed by such Person or an Affiliate of such Person.

(bb) “**Rule 144**” shall have the meaning ascribed to such term in the Purchase Agreement.

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

(dd) “**Subject Entity**” means any Person, Persons or Group or any Affiliate or associate of any such Person, Persons or Group.

(ee) “**Successor Entity**” means one or more Person or Persons (or, if so elected by the Holder, the Company or Parent Entity) formed by, resulting from or surviving any Fundamental Transaction or one or more Person or Persons (or, if so elected by the Holder, the Company or the Parent Entity) with which such Fundamental Transaction shall have been entered into.

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

*[Signature Page Follows]*

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

**SANUWAVE HEALTH, INC.**

By: \_\_\_\_\_

Name: Kevin A. Richardson II

Title: CEO

*[Signature Page to Convertible Promissory Note]*

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**EXHIBIT I**  
**SANUWAVE HEALTH, INC.**  
**CONVERSION NOTICE**

Reference is made to the Future Advance Convertible Promissory Note (the “**Note**”) issued to [       ], a [       ], by SANUWAVE Health, Inc., a corporation organized under the laws of Nevada (the “**Company**”). In accordance with and pursuant to the Note, the undersigned hereby elects to convert the Conversion Amount (as defined in the Note) of the Note indicated below into common stock, par value \$0.001 per share (the “**Common Stock**”), of the Company, as of the date specified below.

Date of Conversion: \_\_\_\_\_

Aggregate Conversion Amount to be converted: \_\_\_\_\_

Please confirm the following information:

Conversion Price: \_\_\_\_\_

Number of shares of Common Stock to be issued: \_\_\_\_\_

Please issue the Common Stock into which the Note is being converted in the following name and to the following address:

Issue to: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Electronic Mail: \_\_\_\_\_

Authorization: \_\_\_\_\_

By: \_\_\_\_\_

Title: \_\_\_\_\_

Dated: \_\_\_\_\_

Account Number: \_\_\_\_\_

(if electronic book entry transfer)

Transaction Code Number: \_\_\_\_\_

(if electronic book entry transfer)

\_\_\_\_\_

SCHEDULE 27(V)  
PERMITTED INDEBTEDNESS AND LIENS

Permitted Indebtedness

1. Loan incurred by the Company under 15 U.S.C. 636(a)(36) (as added to the Small Business Act by Section 1102 of the CARES Act) in the original principal amount of Four Hundred Fifty Four Thousand Three Hundred Thirty Five Dollars (\$454,335), as amended, restated, amended and restated, supplemented or otherwise modified from time to time.
2. Indebtedness under that certain Master Equipment Lease, dated as of January 19, 2018 (the “*NFS Master Equipment Lease*”), by and between NFS Leasing, Inc., a Massachusetts corporation, and the Company, as amended, restated, amended and restated, supplemented or otherwise modified from time to time.
3. Indebtedness under that certain Factoring Agreement (the “*Goodman Factoring Agreement*”), by and a Goodman Capital Finance, a division of Independent Bank, SANUWAVE, Inc., a Delaware corporation, and the Company, as amended, restated, amended and restated, supplemented or otherwise modified from time to time.
4. Indebtedness under (a) that certain Future Advance Convertible Promissory Note, dated as of September 3, 2021, by and between the Company and David S. Nagelberg 2003 Revocable Trust, in the original principal amount of \$108,000, (b) that certain Future Advance Convertible Promissory Note, dated as of September 3, 2021, by and between the Company and Jeffrey Benton, in the original principal amount of \$54,000, (c) that certain Future Advance Convertible Promissory Note, dated as of September 3, 2021, by and between the Company and Karl W. Brewer, in the original principal amount of \$162,000, (d) that certain Future Advance Convertible Promissory Note, dated as of September 3, 2021, by and between the Company and LGH Investments, LLC, in the original principal amount of \$108,000, and (d) that certain Future Advance Convertible Promissory Note, dated as of September 3, 2021, by and between the Company and Quick Capital, LLC, in the original principal amount of \$108,000 (collectively, the “*2021 Notes*”).

Permitted Liens

1. Liens securing obligations under the NFS Master Equipment Lease.
  2. Liens securing obligations under the Goodman Factoring Agreement.
  3. Liens securing obligations under the 2021 Notes.
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**COMMON STOCK PURCHASE WARRANT  
SANUWAVE HEALTH, INC.**

Warrant Shares: [●]

Initial Exercise Date: August 5, 2022

THIS COMMON STOCK PURCHASE WARRANT (the “**Warrant**”) certifies that, for value received, [●] or its assigns (the “**Holder**”) is entitled, upon the terms and subject to the limitations on exercise and the conditions hereinafter set forth, at any time on or after the date hereof (the “**Initial Exercise Date**”) and on or prior to 5:00 p.m. (New York City time) on August 5, 2027 (the “**Termination Date**”) but not thereafter, to subscribe for and purchase from SANUWAVE Health, Inc., a company incorporated under the laws of the State of Nevada (the “**Company**”), up to [●] Shares (as subject to adjustment hereunder, the “**Warrant Shares**”). The purchase price of one Warrant Share under this Warrant shall be equal to the Exercise Price, as defined in Section 2(b).

Section 1. Definitions. Capitalized terms used and not otherwise defined herein shall have the meanings as set forth in that certain Securities Purchase Agreement with the Company, dated as of the date hereof (the “**Purchase Agreement**”). In addition to the terms defined elsewhere in this Warrant, the following terms have the meanings indicated in this Section 1:

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

“**Bid Price**” means, for any date, the price determined by the first of the following clauses that applies: (a) if the Shares are then listed or quoted on a Trading Market, the bid price of the Shares for the time in question (or the nearest preceding date) on the Trading Market on which the Shares are then listed or quoted as reported by Bloomberg (based on a Trading Day from 9:30 a.m. (New York City time) to 4:02 p.m. (New York City time)), (b) if the Shares are not then listed or quoted for trading on the OTCQB or the OTCQX and if prices for the Shares are then reported in the “Pink Sheets” published by OTC Markets Group Inc. (or a similar organization or agency succeeding to its functions of reporting prices), the most recent bid price per Share so reported, or (c) in all other cases, the fair market value of a Share as determined by an independent appraiser selected in good faith by the holders of a majority in interest of the Warrants then outstanding and reasonably acceptable to the Company, the fees and expenses of which shall be paid by the Company.

“**Bloomberg**” means Bloomberg L.P.

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

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

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

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

“**Excluded Securities**” means (a) Shares issued or deemed to have been issued by the Company pursuant to an equity incentive plan that has been approved by the Board of Directors pursuant to which the Company’s securities may be issued to any employee, consultant, officer or director for services provided to the Company, (b) the Shares issued or deemed to be issued by the Company upon conversion or exercise of any Share Equivalents outstanding prior to the Initial Exercise Date, (c) Shares and Share Equivalents issued or deemed to have been issued by the Company pursuant to resolutions of the Board of Directors (including its Compensation Committee if applicable) adopted prior to the Initial Exercise Date, and (d) Shares or options to purchase Shares issued as compensation to advisors of the Company in an amount not to exceed an aggregate amount of 1.5% of the outstanding Common Stock of the Company over any two year period.



“**Financing Transaction**” means Shares and Share Equivalents sold and issued by the Company after the Initial Exercise Date to one or more purchasers (other than the Holder or any of its Affiliates) for cash in connection with a transaction or series of related transactions the primary purpose of which is the raising of capital by the Company.

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

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

“**Shares**” means shares of common stock of the Company, par value \$0.001 per share, and any other class of securities into which such securities may hereafter be reclassified or changed.

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

“**Trading Day**” means a day on which the Shares are traded on a Trading Market.

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

“**Transfer Agent**” means Action Stock Transfer Corporation, the current transfer agent of the Company with a mailing address of 2469 E. Fort Union Blvd, Suite 214, Salt Lake City, UT 84121, and any successor transfer agent of the Company.

“**VWAP**” means, for any date, the price determined by the first of the following clauses that applies: (a) if the Shares are then listed or quoted on a Trading Market, the daily volume weighted average price of the Shares for such date (or the nearest preceding date) on the Trading Market on which the Shares are then listed or quoted as reported by Bloomberg (based on a Trading Day from 9:30 a.m. (New York City time) to 4:02 p.m. (New York City time)), (b) if the Shares are not then listed or quoted for trading on the OTCQB or the OTCQX and if prices for the Shares are then reported in the “Pink Sheets” published by OTC Markets Group Inc. (or a similar organization or agency succeeding to its functions of reporting prices), the most recent Bid Price per share of the Shares so reported, or (c) in all other cases, the fair market value of one Share as determined by an independent appraiser selected in good faith by the holders of a majority in interest of the Warrants then outstanding and reasonably acceptable to the Company, the fees and expenses of which shall be paid by the Company.

“**Warrant Agent**” means the Transfer Agent and any successor warrant agent of the Company.

## Section 2. Exercise.

(a) Exercise of Warrant. Exercise of the purchase rights represented by this Warrant may be made, in whole or in part, at any time or times on or after the Initial Exercise Date, subject to Sections 2(e) and 2(f) hereof, and on or before the Termination Date by delivery to the Company of a duly executed facsimile copy (or e-mail attachment) of the Notice of Exercise in the form annexed hereto (the “**Notice of Exercise**”). Notice of Exercise will be effective on the day given up to 11:59 p.m. (EST). Within the earlier of (i) two (2) Trading Days and (ii) the number of Trading Days comprising the Standard Settlement Period (as defined in Section 2(d)(i) herein) following the date of exercise as aforesaid, the Holder shall deliver the aggregate Exercise Price for the Warrant Shares specified in the applicable Notice of Exercise by wire transfer or cashier’s check drawn on a United States bank unless the cashless exercise procedure specified in Section 2(c) below is specified in the applicable Notice of Exercise. No ink-original Notice of Exercise shall be required, nor shall any medallion guarantee (or other type of guarantee or notarization) of any Notice of Exercise be required. Notwithstanding anything herein to the contrary, the Holder shall not be required to physically surrender this Warrant to the Company until the Holder has purchased all of the Warrant Shares available hereunder and the Warrant has been exercised in full, in which case, the Holder shall surrender this Warrant to the Company for cancellation within three (3) Trading Days of the date on which the final Notice of Exercise is delivered to the Company. Partial exercises of this Warrant resulting in purchases of a portion of the total number of Warrant Shares available hereunder shall have the effect of lowering the outstanding number of Warrant Shares purchasable hereunder in an amount equal to the applicable number of Warrant Shares purchased. The Holder and the Company shall maintain records showing the number of Warrant Shares purchased and the date of such purchases. The Company shall deliver any objection to any Notice of Exercise within one (1) Business Day of receipt of such notice. **The Holder and any assignee, by acceptance of this Warrant, acknowledge and agree that, by reason of the provisions of this paragraph, following the purchase of a portion of the Warrant Shares hereunder, the number of Warrant Shares available for purchase hereunder at any given time may be less than the amount stated on the face hereof.**



Notwithstanding the foregoing in this Section 2(a), a holder whose interest in this Warrant is a beneficial interest in certificate(s) representing this Warrant held in book-entry form through the Depository Trust Company (“DTC”) (or another established clearing corporation performing similar functions) shall effect exercises made pursuant to this Section 2(a) by delivering to DTC (or such other clearing corporation, as applicable) the appropriate instruction form for exercise, complying with the procedures to effect exercise that are required by DTC (or such other clearing corporation, as applicable).

(b) Exercise Price. The exercise price per Share under this Warrant shall be at [\$0.067][\$0.04]<sup>1</sup> per share (the “**Exercise Price**”).

(c) Cashless Exercise. This Warrant may be exercised, in whole or in part, at any time by means of a “cashless exercise” in which the Holder shall be entitled to receive a number of Warrant Shares equal to the quotient obtained by dividing ((A-B)(X)) by (A), where:

- (A) = as applicable: (i) the VWAP on the Trading Day immediately preceding the date of the applicable Notice of Exercise if such Notice of Exercise is (1) both executed and delivered pursuant to Section 2(a) hereof on a day that is not a Trading Day or (2) both executed and delivered pursuant to Section 2(a) hereof on a Trading Day prior to the opening of “regular trading hours” (as defined in Rule 600(b)(64) of Regulation NMS promulgated under the federal securities laws) on such Trading Day, (ii) at the option of the Holder, either (y) the VWAP on the Trading Day immediately preceding the date of the applicable Notice of Exercise or (z) the Bid Price of the Shares on the principal Trading Market as reported by Bloomberg as of the time of the Holder’s execution of the applicable Notice of Exercise if such Notice of Exercise is executed during “regular trading hours” on a Trading Day and is delivered within two (2) hours thereafter (including until two (2) hours after the close of “regular trading hours” on a Trading Day) pursuant to Section 2(a) hereof or (iii) the VWAP on the date of the applicable Notice of Exercise if the date of such Notice of Exercise is a Trading Day and such Notice of Exercise is both executed and delivered pursuant to Section 2(a) hereof after the close of “regular trading hours” on such Trading Day;
- (B) = the Exercise Price of this Warrant, as adjusted hereunder; and
- (X) = the number of Warrant Shares that would be issuable upon exercise of this Warrant in accordance with the terms of this Warrant if such exercise were by means of a cash exercise rather than a cashless exercise.

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<sup>1</sup> NTD: There will be two warrants issued at the closing of the transaction, one with a strike price of \$0.067 and the other with a strike price of \$0.04.

If Warrant Shares are issued in such a cashless exercise, the parties acknowledge and agree that in accordance with Section 3(a)(9) of the Securities Act, the Warrant Shares shall take on the registered characteristics of the Warrants being exercised. The Company agrees not to take any position contrary to this Section 2(c).

Notwithstanding anything herein to the contrary, on the Termination Date, this Warrant shall be automatically exercised via cashless exercise pursuant to this Section 2(c).

(d) Mechanics of Exercise.

(i) Delivery of Warrant Shares Upon Exercise. The Company shall cause the Warrant Shares purchased hereunder to be transmitted by the Transfer Agent to the Holder by crediting the Holder's or its designee's balance account with DTC through its Deposit or Withdrawal at Custodian system ("DWAC") if the Company is then a participant in such system and either (A) there is an effective registration statement permitting the issuance of the Warrant Shares to or resale of the Warrant Shares by the Holder or (B) this Warrant is being exercised via cashless exercise, and otherwise by physical delivery of a certificate, registered in the Company's share register in the name of the Holder or its designee, for the number of Warrant Shares to which the Holder is entitled pursuant to such exercise to the address specified by the Holder in the Notice of Exercise by the date that is the earlier of (i) one (1) Trading Day after delivery of the Notice of Exercise and payment of the aggregate Exercise Price to the Company and (ii) the number of Trading Days comprising the Standard Settlement Period after the delivery to the Company of the Notice of Exercise and payment of the aggregate Exercise Price (such date, the "**Warrant Share Delivery Date**"). Upon delivery of the Notice of Exercise and payment of the aggregate Exercise Price, 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 of delivery of the Warrant Shares. If the Company fails for any reason to deliver to the Holder the Warrant Shares subject to a Notice of Exercise by the Warrant Share Delivery Date, the Company shall pay to the Holder, in cash, as liquidated damages and not as a penalty, for each \$1,000 of Warrant Shares subject to such exercise (based on the VWAP of the Shares on the date of the applicable Notice of Exercise), \$10 per Trading Day (increasing to \$20 per Trading Day on the fifth Trading Day after such liquidated damages begin to accrue, but not to exceed in the aggregate 5% of the Warrant Shares) for each Trading Day after such Warrant Share Delivery Date until such Warrant Shares are delivered or Holder rescinds such exercise. The Company agrees to maintain a transfer agent that is a participant in the FAST program so long as this Warrant remains outstanding and exercisable. As used herein, "**Standard Settlement Period**" means the standard settlement period, expressed in a number of Trading Days, on the Company's primary Trading Market with respect to the Shares as in effect on the date of delivery of the Notice of Exercise, but in no event earlier than one (1) Trading Day after each Exercise Date.

(ii) Delivery of New Warrants Upon Exercise. If this Warrant shall have been exercised in part, the Company shall, at the request of a Holder and upon surrender of this Warrant certificate, at the time of delivery of the Warrant Shares, deliver to the Holder a new Warrant evidencing the rights of the Holder to purchase the unpurchased Warrant Shares called for by this Warrant, which new Warrant shall in all other respects be identical with this Warrant.

(iii) Rescission Rights. If the Company fails to transmit or fails to cause the Transfer Agent to transmit to the Holder the Warrant Shares pursuant to Section 2(d)(i) by the Warrant Share Delivery Date, then the Holder will have the right to rescind such exercise.

(iv) [Reserved].

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

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

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

(e) Holder's Exercise Limitations. The Company shall not effect any exercise of this Warrant, and a Holder shall not have the right to exercise any portion of this Warrant, pursuant to Section 2 or otherwise, to the extent that after giving effect to such issuance after exercise as set forth on the applicable Notice of Exercise, the Holder (together with the Holder's Affiliates, and any other Persons acting as a group together with the Holder or any of the Holder's Affiliates (such Persons, "**Attribution Parties**")), would beneficially own in excess of the Beneficial Ownership Limitation (as defined below). For purposes of the foregoing sentence, the number of Shares beneficially owned by the Holder and its Affiliates and Attribution Parties shall include the number of Shares issuable upon exercise of this Warrant with respect to which such determination is being made, but shall exclude the number of Shares which would be issuable upon (i) exercise of the remaining, nonexercised portion of this Warrant beneficially owned by the Holder or any of its Affiliates or Attribution Parties and (ii) exercise or conversion of the unexercised or nonconverted portion of any other securities of the Company (including, without limitation, any other Share Equivalents) subject to a limitation on conversion or exercise analogous to the limitation contained herein beneficially owned by the Holder or any of its Affiliates or Attribution Parties. Except as set forth in the preceding sentence, for purposes of this Section 2(e), beneficial ownership shall be calculated in accordance with Section 13(d) of the Exchange Act and the rules and regulations promulgated thereunder, it being acknowledged by the Holder that the Company is not representing to the Holder that such calculation is in compliance with Section 13(d) of the Exchange Act and the Holder is solely responsible for any schedules required to be filed in accordance therewith. To the extent that the limitation contained in this Section 2(e) applies, the determination of whether this Warrant is exercisable (in relation to other securities owned by the Holder together with any Affiliates and Attribution Parties) and of which portion of this Warrant is exercisable shall be in the sole discretion of the Holder, and the submission of a Notice of Exercise shall be deemed to be the Holder's determination of whether this Warrant is exercisable (in relation to other securities owned by the Holder together with any Affiliates and Attribution Parties) and of which portion of this Warrant is exercisable, in each case subject to the Beneficial Ownership Limitation, and the Company shall have no obligation to verify or confirm the accuracy of such determination. In addition, a determination as to any group status as contemplated above shall be determined in accordance with Section 13(d) of the Exchange Act and the rules and regulations promulgated thereunder. For purposes of this Section 2(e), in determining the number of outstanding Shares, a Holder may rely on the number of outstanding Shares as reflected in (A) the Company's most recent periodic or annual report filed with the Commission, as the case may be, (B) a more recent public announcement by the Company or (C) a more recent written notice by the Company or the Transfer Agent setting forth the number of Shares outstanding. Upon the written request of a Holder, the Company shall within one Trading Day confirm in writing to the Holder the number of Shares then outstanding. In any case, the number of outstanding Shares shall be determined after giving effect to the conversion or exercise of securities of the Company, including this Warrant, by the Holder or its Affiliates or Attribution Parties since the date as of which such number of outstanding Shares was reported. The "**Beneficial Ownership Limitation**" shall be 4.99% (or, upon written election by a Holder, 9.99%) of the number of Shares outstanding immediately after giving effect to the issuance of Shares issuable upon exercise of this Warrant. The Holder, upon written notice to the Company, may increase or decrease the Beneficial Ownership Limitation provisions of this Section 2(e), provided that the Beneficial Ownership Limitation in no event exceeds 9.99% of the number of Shares outstanding immediately after giving effect to the issuance of the Warrant Shares upon exercise of this Warrant held by the Holder and the provisions of this Section 2(e) shall continue to apply. Any increase in the Beneficial Ownership Limitation will not be effective until the 61<sup>st</sup> day after such notice is delivered to the Company. The provisions of this paragraph shall be construed and implemented in a manner otherwise than in strict conformity with the terms of this Section 2(e) to correct this paragraph (or any portion hereof) which may be defective or inconsistent with the intended Beneficial Ownership Limitation herein contained or to make changes or supplements necessary or desirable to properly give effect to such limitation. The limitations contained in this paragraph shall apply to a successor holder of this Warrant.

(f) No Exercise until Sufficient Authorized and Unissued Shares Available. Notwithstanding anything herein to the contrary, this Note shall not be convertible into Shares until such time as the Company's authorized and unissued Shares are at a number sufficient to permit the exercise of all Warrants and the conversion or exercise of all other Share Equivalents. The Company shall reduce its outstanding Shares via a reverse stock split to provide a number of authorized and unissued shares of Common Stock sufficient to permit the exercise of the Warrants and the conversion or exercise of all other outstanding Share Equivalents no later than December 31, 2022.

### Section 3. Certain Adjustments.

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

(b) Subsequent Rights Offerings. In addition to any adjustments pursuant to Section 3(a) above, if at any time the Company grants, issues or sells any Share Equivalents or rights to purchase stock, warrants, securities or other property pro rata to the record holders of any class of Shares (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 acquirable upon complete exercise of this Warrant (without regard to any limitations on exercise hereof, including without limitation, the Beneficial Ownership Limitation) immediately before the date on which a record is taken for the grant, issuance or sale of such Purchase Rights, or, if no such record is taken, the date as of which the record holders of Shares are to be determined for the grant, issue or sale of such Purchase Rights (*provided, however*, to the extent that the Holder's right to participate in any such Purchase Right would result in the Holder exceeding the Beneficial Ownership Limitation, then the Holder shall not be entitled to participate in such Purchase Right to such extent (or beneficial ownership of such Shares as a result of such Purchase Right to such extent) and such Purchase Right to such extent shall be held in abeyance for the Holder until such time, if ever, as its right thereto would not result in the Holder exceeding the Beneficial Ownership Limitation).

(c) Pro Rata Distributions. During such time as this Warrant is outstanding, 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, 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 acquirable upon complete exercise of this Warrant (without regard to any limitations on exercise hereof, including without limitation, the Beneficial Ownership Limitation) immediately before the date 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 are to be determined for the participation in such Distribution (*provided, however*, to the extent that the Holder's right to participate in any such Distribution would result in the Holder exceeding the Beneficial Ownership Limitation, then the Holder shall not be entitled to participate in such Distribution to such extent (or in the beneficial ownership of any Shares as a result of such Distribution to such extent) and the portion of such Distribution shall be held in abeyance for the benefit of the Holder until such time, if ever, as its right thereto would not result in the Holder exceeding the Beneficial Ownership Limitation).



(d) **Fundamental Transaction.** If, at any time while this Warrant is outstanding, (i) the Company, directly or indirectly, in one or more related transactions effects any merger or consolidation of the Company with or into another Person, (ii) the Company, directly or indirectly, effects any sale, lease, license, assignment, transfer, conveyance or other disposition of all or substantially all of its assets in one or a series of related transactions, (iii) any, direct or indirect, purchase offer, tender offer or exchange offer (whether by the Company or another Person) is completed pursuant to which holders of Shares are permitted to sell, tender or exchange their shares for other securities, cash or property and has been accepted by the holders of 50% or more of the outstanding Shares, (iv) the Company, directly or indirectly, in one or more related transactions effects any reclassification, reorganization or recapitalization of the Shares or any compulsory share exchange pursuant to which the Shares are effectively converted into or exchanged for other securities, cash or property, or (v) the Company, directly or indirectly, in one or more related transactions consummates a stock or share purchase agreement or other business combination (including, without limitation, a reorganization, recapitalization, spin-off or scheme of arrangement) with another Person or group of Persons whereby such other Person or group acquires more than 50% of the outstanding Shares (not including any Shares held by the other Person or other Persons making or party to, or associated or affiliated with the other Persons making or party to, such stock or share purchase agreement or other business combination) (each a “**Fundamental Transaction**”), then, upon any subsequent exercise of this Warrant, the Holder shall have the right to receive, for each Warrant Share that would have been issuable upon such exercise immediately prior to the occurrence of such Fundamental Transaction, at the option of the Holder (without regard to any limitation in Section 2(e) on the exercise of this Warrant), the number of Shares of the successor or acquiring corporation or of the Company, if it is the surviving corporation, and any additional consideration (the “**Alternate Consideration**”) receivable as a result of such Fundamental Transaction by a holder of the number of Shares for which this Warrant is exercisable immediately prior to such Fundamental Transaction (without regard to any limitation in Section 2(e) on the exercise of this Warrant). For purposes of any such exercise, the determination of the Exercise Price shall be appropriately adjusted to apply to such Alternate Consideration based on the amount of Alternate Consideration issuable in respect of one Share in such Fundamental Transaction, and the Company shall apportion the Exercise Price among the Alternate Consideration in a reasonable manner reflecting the relative value of any different components of the Alternate Consideration. If holders of Shares are given any choice as to the securities, cash or property to be received in a Fundamental Transaction, then the Holder shall be given the same choice as to the Alternate Consideration it receives upon any exercise of this Warrant following such Fundamental Transaction. Notwithstanding anything to the contrary, in the event of a Fundamental Transaction, the Company or any Successor Entity (as defined below) shall, at the Holder’s option, exercisable at any time concurrently with, or within 30 days after, the consummation of the Fundamental Transaction (or, if later, the date of the public announcement of the applicable Fundamental Transaction), purchase this Warrant from the Holder by paying to the Holder an amount of cash equal to the Black Scholes Value of the remaining unexercised portion of this Warrant on the date of the consummation of such Fundamental Transaction; *provided, however,* if the Fundamental Transaction is not within the Company’s control, including not approved by the Company’s Board of Directors, the Holder shall only be entitled to receive from the Company or any Successor Entity, as of the date of consummation of such Fundamental Transaction, the same type or form of consideration (and in the same proportion), at the Black Scholes Value of the unexercised portion of this Warrant, that is being offered and paid to the holders of Shares of the Company in connection with the Fundamental Transaction, whether that consideration be in the form of cash, stock or any combination thereof, or whether the holders of Shares are given the choice to receive from among alternative forms of consideration in connection with the Fundamental Transaction. “**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 day of consummation of the applicable Fundamental Transaction for pricing purposes and reflecting (A) a risk-free interest rate corresponding to the U.S. Treasury rate for a period equal to the time between the date of the public announcement of the applicable Fundamental Transaction and the Termination Date, (B) an expected volatility equal to the greater of 100% and the 100 day volatility obtained from the “HVT” function on Bloomberg as of the Trading Day immediately following the public announcement of the applicable Fundamental Transaction, (C) the underlying price per share used in such calculation shall be the greater of (i) the sum of the price per share being offered in cash, if any, plus the value of any non-cash consideration, if any, being offered in such Fundamental Transaction and (ii) the greater of (x) the last VWAP immediately prior to the public announcement of such Fundamental Transaction and (y) the last VWAP immediately prior to the consummation of such Fundamental Transaction and (D) a remaining option time equal to the time between the date of the public announcement of the applicable Fundamental Transaction and the Termination Date. The payment of the Black Scholes Value will be made by wire transfer of immediately available funds within five Business Days of the Holder’s election (or, if later, on the effective date of the Fundamental Transaction). The Company shall cause any successor entity in a Fundamental Transaction in which the Company is not the survivor (the “**Successor Entity**”) to assume in writing all of the obligations of the Company under this Warrant in accordance with the provisions of this Section 3(d) pursuant to written agreements in form and substance reasonably satisfactory to the Holder and approved by the Holder (without unreasonable delay) prior to such Fundamental Transaction and shall, at the option of the Holder, deliver to the Holder in exchange for this Warrant a security of the Successor Entity evidenced by a written instrument substantially similar in form and substance to this Warrant which is exercisable for a corresponding number of shares of capital stock of such Successor Entity (or its parent entity) equivalent to the Shares acquirable and receivable upon exercise of this Warrant (without regard to any limitations on the exercise of this Warrant) prior to such Fundamental Transaction, and with an exercise price which applies the exercise price hereunder to such shares of capital stock (but taking into account the relative value of the Shares pursuant to such Fundamental Transaction and the value of such shares of capital stock, such number of shares of capital stock and such exercise price being for the purpose of protecting the economic value of this Warrant immediately prior to the consummation of such Fundamental Transaction), and which is reasonably satisfactory in form and substance to the Holder. Upon the occurrence of any such Fundamental Transaction, the Successor Entity shall succeed to, and be substituted for (so that from

and after the date of such Fundamental Transaction, the provisions of this Warrant referring to the “Company” shall refer instead to the Successor Entity), and may exercise every right and power of the Company and shall assume all of the obligations of the Company under this Warrant with the same effect as if such Successor Entity had been named as the Company herein.



(e) Adjustment of Conversion Price Upon Listing. If the Company lists its Shares on the Nasdaq Capital Market, and if for the five (5) Trading Day period immediately prior to such listing the average VWAP of the listed Shares (the “**Post-Listing Threshold Price**”) is less than \$0.04 per Share (as adjusted for any reverse stock split, stock split, dividend or other distribution, recapitalization or similar event with respect to the Shares that occurs after the date hereof), then the Exercise Price then in effect shall be reduced to the greater of (i) [166.67% multiplied by]<sup>2</sup> the Post-Listing Threshold Price and (ii) \$0.01.

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

(g) Notice to the Holder.

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

(ii) Notice to Allow Exercise by the Holder. If (A) the Company shall declare a dividend (or any other distribution in whatever form) on the Shares, (B) the Company shall declare a special nonrecurring cash dividend on or a redemption of the Shares, (C) the Company shall authorize the granting to all holders of the Shares rights or warrants to subscribe for or purchase any shares of capital stock of any class or of any rights, (D) the approval of any stockholders of the Company shall be required in connection with any reclassification of the Shares, 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 Shares 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, then, in each case, the Company shall cause to be delivered by facsimile or email to the Holder at its last facsimile number or email address as it shall appear upon the Warrant Register (as defined in Section 5(c)) of the Company, at least 20 calendar days prior to the applicable record or effective date hereinafter specified, a notice stating (x) the date on which a record is to be taken for the purpose of such dividend, distribution, redemption, rights or warrants, or if a record is not to be taken, the date as of which the holders of the Shares 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 Shares of record shall be entitled to exchange their Shares for securities, cash or other property deliverable upon such reclassification, consolidation, merger, sale, transfer or share exchange; provided that the failure to deliver such notice or any defect therein or in the delivery thereof shall not affect the validity of the corporate action required to be specified in such notice. The Holder shall remain entitled to exercise this Warrant during the period commencing on the date of such notice to the effective date of the event triggering such notice except as may otherwise be expressly set forth herein.

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<sup>2</sup> NTD: Only applicable to warrants with a \$0.067 strike price.

Section 4. Adjustment of Exercise Price. The Exercise Price shall be adjusted from time to time as follows:

(a) If and whenever on or after the Initial Exercise Date the Company issues or sells, or is deemed to have issued or sold, any Shares or Share Equivalents in a Financing Transaction for an effective consideration per Share (the “**New Issuance Price**”) less than the Exercise Price per Share in effect immediately prior to such issuance or sale (the “**Applicable Price**”), then immediately after such issue or sale the Exercise Price then in effect shall be reduced to an amount equal to such New Issuance Price; provided, however, that the Exercise Price pursuant to this Section 4(a) shall never be less than \$0.01.

(b) Effect on Exercise Price of Certain Events. For purposes of determining the adjusted Exercise Price under Section 4(a) above, the following shall be applicable:

(i) Issuance of Options/Convertible Securities. If after the date hereof, the Company in any manner grants any options or convertible securities to purchase Shares other than Excluded Securities (collectively, “**Options**”) and the lowest price per Share for which one Share is issuable upon the exercise of any such Option or upon conversion or exchange of any convertible securities issuable upon exercise is less than the Applicable Price, then such Share 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 4(b)(i), the lowest price per share for which one Share is issuable upon exercise of such Options or upon conversion or exchange of such convertible securities 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 (x) upon the granting or sale of the Option and (y) upon exercise of the Option or upon conversion or exchange of any convertible security issuable upon exercise. No further adjustment of the Exercise Price shall be made upon the actual issuance of such Shares upon the exercise of such Options or upon the actual issuance of such Shares upon conversion or exchange of such convertible securities.

(ii) 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 or exchange of any convertible securities, or the rate at which any convertible securities are convertible into or exchangeable for Shares changes at any time (in each case excluding Excluded Securities), the Exercise Price in effect at the time of such change shall be adjusted to the Exercise Price that would have been in effect at such time had such Options or convertible securities provided for such changed purchase price, additional consideration or changed conversion rate, as the case may be, at the time initially granted, issued or sold. For purposes of this Section 4(b)(ii), if the terms of any Option or convertible security that was outstanding as of the Initial Exercise Date of this Warrant are changed in the manner described in the immediately preceding sentence, then such Option or convertible security and the Shares deemed issuable upon exercise, conversion or exchange thereof shall be deemed to have been issued as of the date of such change. No adjustment pursuant to this Section 4(b) shall be made if such adjustment would result in an increase of the Exercise Price then in effect.

(iii) Calculation of Consideration Received. If any Shares, 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, 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 marketable securities, in which case the amount of consideration received by the Company will be the market price of such securities on the date of receipt of such securities. If any Shares, 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, 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 holders of Warrants representing at least two-thirds of the Warrant Shares issuable upon exercise of the Warrants then outstanding. 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) Business Days after the tenth (10th) day following the Valuation Event by an independent, reputable appraiser jointly selected by the Company and the holders of Warrants representing at least two-thirds of the Warrant Shares issuable upon exercise of the Warrants then outstanding. The determination of such appraiser shall be final and binding upon all parties and the fees and expenses of such appraiser shall be borne jointly by the Company and the holders of Warrants.

(iv) Integrated Transactions. In case any Option is issued in connection with the issue or sale of other securities of the Company, together comprising one integrated transaction in which no specific consideration is allocated to such Options by the parties thereto, then for purposes of determining the consideration received by the Company upon the granting of each Option, the Options will be deemed to have been issued for a consideration of \$0.01 per Option.

(v) Treasury Shares. The number of Shares outstanding at any given time does not include Shares owned or held by or for the account of the Company, and the disposition of any Shares so owned or held will be considered an issue or sale of Shares.

(vi) Record Date. If the Company takes a record of the holders of Shares for the purpose of entitling them (x) to receive a dividend or other distribution payable in Shares, Options or in convertible securities or (y) to subscribe for or purchase Shares, Options or convertible securities, then such record date will be deemed to be the date of the issue or sale of the Shares 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.

(c) Notice to the Holder. Whenever the Exercise Price is adjusted pursuant to any provision of this Section 4, the Company shall promptly deliver to the Holder by facsimile or email a notice setting forth the Exercise Price after such adjustment and any resulting adjustment to the number of Warrant Shares and setting forth a brief statement of the facts requiring such adjustment.

## Section 5. Transfer of Warrant.

(a) Transferability. This Warrant and all rights hereunder (including, without limitation, any registration rights) are transferable, in whole or in part, upon surrender of this Warrant at the principal office of the Company or its designated agent, together with a written assignment of this Warrant substantially in the form attached hereto duly executed by the Holder or its agent or attorney and funds sufficient to pay any transfer taxes payable upon the making of such transfer. Upon such surrender and, if required, such payment, the Company shall execute and deliver a new Warrant or Warrants in the name of the assignee or assignees, as applicable, and in the denomination or denominations specified in such instrument of assignment, and shall issue to the assignor a new Warrant evidencing the portion of this Warrant not so assigned, and this Warrant shall promptly be cancelled. Notwithstanding anything herein to the contrary, the Holder shall not be required to physically surrender this Warrant to the Company unless the Holder has assigned this Warrant in full, in which case, the Holder shall surrender this Warrant to the Company within three (3) Trading Days of the date on which the Holder delivers an assignment form to the Company assigning this Warrant in full. The Warrant, if properly assigned in accordance herewith, may be exercised by a new holder for the purchase of Warrant Shares without having a new Warrant issued.

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

(c) Warrant Register. The Warrant Agent shall register this Warrant, upon records to be maintained by the Warrant Agent for that purpose (the “**Warrant Register**”), in the name of the record Holder hereof from time to time. The Company and the Warrant Agent

may deem and treat the registered Holder of this Warrant as the absolute owner hereof for the purpose of any exercise hereof or any distribution to the Holder, and for all other purposes, absent actual notice to the contrary.

Section 6. Miscellaneous.

(a) No Rights as Stockholder Until Exercise. This Warrant does not entitle the Holder to any voting rights, dividends or other rights as a stockholder of the Company prior to the exercise hereof as set forth in Section 2(d)(i), except as expressly set forth in Section 3.

(b) Loss, Theft, Destruction or Mutilation of Warrant. The Company covenants that upon receipt by the Company of evidence reasonably satisfactory to it of the loss, theft, destruction or mutilation of this Warrant or any stock certificate relating to the Warrant Shares, and in case of loss, theft or destruction, of indemnity or security reasonably satisfactory to it (which, in the case of the Warrant, shall not include the posting of any bond), and upon surrender and cancellation of such Warrant or stock certificate, if mutilated, the Company will make and deliver a new Warrant or stock certificate of like tenor and dated as of such cancellation, in lieu of such Warrant or stock certificate.

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

(d) Authorized Shares.

The Company covenants that, within five (5) Business Days of the reverse stock split described in Section 2(f) hereof and thereafter during the period the Warrant is outstanding, it will reserve from its authorized and unissued Shares a sufficient number of shares to provide for the issuance of the Warrant Shares upon the exercise of any purchase rights under this Warrant. The Company further covenants that its issuance of this Warrant shall constitute full authority to its officers who are charged with the duty of issuing the necessary Warrant Shares upon the exercise of the purchase rights under this Warrant. The Company will take all such reasonable action as may be necessary to assure that such Warrant Shares may be issued as provided herein without violation of any applicable law or regulation, or of any requirements of the Trading Market upon which the Shares may be listed. The Company covenants that all Warrant Shares which may be issued upon the exercise of the purchase rights represented by this Warrant will, upon exercise of the purchase rights represented by this Warrant and payment for such Warrant Shares in accordance herewith, be duly authorized, validly issued, fully paid and nonassessable and free from all taxes, liens and charges created by the Company in respect of the issue thereof (other than taxes in respect of any transfer occurring contemporaneously with such issue).

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

Before taking any action which would result in an adjustment in the number of Warrant Shares for which this Warrant is exercisable or in the Exercise Price, the Company shall obtain all such authorizations or exemptions thereof, or consents thereto, as may be necessary from any public regulatory body or bodies having jurisdiction thereof.

(e) Governing Law. All questions concerning the construction, validity, enforcement and interpretation of this Warrant shall be governed by and construed and enforced in accordance with the internal laws of the State of New York, without regard to the principles of conflicts of law thereof. The Company agrees that it 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 that is brought against a party hereto (or their respective affiliates, directors, officers, shareholders, partners, members, employees or agents), and the Company hereby irrevocably waives, and agrees not to assert in any suit, action or proceeding, any claim that it is not subject to the jurisdiction of any such court, that such suit, action or proceeding is improper or is an inconvenient venue for such proceeding. Each party hereby irrevocably waives personal service of process and consents to process being served in any such suit, action or proceeding by mailing a copy thereof via registered or certified mail or overnight delivery (with evidence of delivery) to such party at the address in effect for notices to it under this Warrant and agrees that such service shall constitute good and sufficient service of process and notice thereof. Nothing contained herein shall be deemed to limit in any way any right to serve process in any other manner permitted by law. If either party shall commence an action, suit or proceeding to enforce any provisions of this Warrant, the prevailing party in such action, suit or proceeding shall be reimbursed by the other party for their reasonable attorneys' fees and other costs and expenses incurred with the investigation, preparation and prosecution of such action or proceeding.

(f) Restrictions. The Holder acknowledges that the Warrant Shares acquired upon the exercise of this Warrant, if not registered for resale by the Holder, will have restrictions upon resale imposed by state and federal securities laws.

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

(h) Notices. Any and all notices or other communications or deliveries to be provided by the Holder hereunder including, without limitation, any Notice of Exercise, shall be in writing and delivered personally, or e-mail, or sent by a nationally recognized overnight courier service, addressed to the Company, at SANUWAVE Health, Inc., 3360 Martin Farm Road, Suite 100, Suwanee, GA 30024, Attn: Kevin Richardson, email: kevin.richardson@sanuwave.com or such other facsimile number, email address or address as the Company may specify for such purposes by notice to the Holder. Any and all notices or other communications or deliveries to be provided by the Company hereunder shall be in writing and delivered personally, by facsimile or e-mail, or sent by a nationally recognized overnight courier service addressed to the Holder at the facsimile number, e-mail address or address of the Holder appearing on the books of the Company. Any notice or other communication or deliveries hereunder shall be deemed given and effective on the earliest of (i) the date of transmission, if such notice or communication is delivered via facsimile at the facsimile number or via e-mail at the e-mail address set forth in this Section prior to 5:30 p.m. (New York City time) on any date, (ii) the next Trading Day after the date of transmission, if such notice or communication is delivered via facsimile at the facsimile number or via e-mail at the e-mail address set forth in this Section on a day that is not a Trading Day or later than 5:30 p.m. (New York City time) on any Trading Day, (iii) the second Trading Day following the date of mailing, if sent by U.S. nationally recognized overnight courier service, or (iv) upon actual receipt by the party to whom such notice is required to be given. To the extent that any notice provided hereunder constitutes, or contains, material, non-public information regarding the Company or any subsidiaries, the Company shall simultaneously file such notice with the Commission pursuant to a Current Report on Form 8-K.

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

(j) Remedies. The Holder, in addition to being entitled to exercise all rights granted by law, including recovery of damages, will be entitled to specific performance of its rights under this Warrant. The Company agrees that monetary damages would not be adequate compensation for any loss incurred by reason of a breach by it of the provisions of this Warrant and hereby agrees to waive and not to assert the defense in any action for specific performance that a remedy at law would be adequate.

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

(l) Amendment. This Warrant may be modified or amended or the provisions hereof waived with the written consent of the Company, on the one hand, and the Holder or the beneficial owner of this Warrant, on the other hand.

(m) Severability. Wherever possible, each provision of this Warrant shall be interpreted in such manner as to be effective and valid under applicable law, but if any provision of this Warrant shall be prohibited by or invalid under applicable law, such provision shall be ineffective to the extent of such prohibition or invalidity, without invalidating the remainder of such provisions or the remaining provisions of this Warrant.

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

(o) Warrant Agency Agreement. If this Warrant is held in global form through DTC (or any successor depositary), this Warrant is issued subject to a warrant agency agreement. To the extent any provision of this Warrant conflicts with the express provisions of such warrant agency agreement, the provisions of this Warrant shall govern and be controlling.

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

*[Signature page follows.]*



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

**SANUWAVE HEALTH, INC.**

By: \_\_\_\_\_

Name: Kevin A. Richardson II

Title: CEO

*[Signature Page to Warrant]*

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**NOTICE OF EXERCISE**

To: SANUWAVE HEALTH, INC.

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

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

in lawful money of the United States; or

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

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

\_\_\_\_\_

The Warrant Shares shall be delivered to the following DWAC Account Number:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

[SIGNATURE OF THE HOLDER]

Name of Investing Entity: \_\_\_\_\_

*Signature of Authorized Signatory of Investing Entity:* \_\_\_\_\_

Name of Authorized Signatory: \_\_\_\_\_

Title of Authorized Signatory: \_\_\_\_\_

Date: \_\_\_\_\_

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**ASSIGNMENT FORM**

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

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

Name:

\_\_\_\_\_  
(Please Print)

Address:

\_\_\_\_\_  
(Please Print)

Phone Number:

Email Address:

Dated: \_\_\_\_\_, \_\_\_\_\_

Holder's Signature: \_\_\_\_\_

Holder's Address:

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**SECURITIES PURCHASE AGREEMENT**

This Securities Purchase Agreement (this “Agreement”) is dated as of August 5, 2022, by and between SANUWAVE Health, Inc., a corporation organized under the laws of Nevada (the “Company”), and the purchasers identified on the signature pages hereto (including their successors and permitted assigns, the “Purchasers,” and each, a “Purchaser”).

WHEREAS, subject to the terms and conditions set forth in this Agreement and pursuant to Section 4(a)(2) of the Securities Act (as defined herein), and/or Rule 506 promulgated thereunder, the Company desires to issue and sell to the Purchaser, and the Purchaser desires to purchase from the Company, securities of the Company, as more fully described in this Agreement (the “Offering”).

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

**ARTICLE I  
DEFINITIONS**

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

“Acquiring Person” shall have the meaning ascribed to such term in Section 4.8.

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

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

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

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

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

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

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

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

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

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

“Company” shall have the meaning ascribed to such term in the preamble hereto.

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

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

“Disqualifying Event” shall have the meaning ascribed to such term in Section 3.1(dd).

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

“Exempt Issuance” means the issuance of (a) shares of Common Stock or options to employees, officers, directors or consultants of the Company pursuant to any stock or option plan or agreement duly adopted for such purpose by the Board of Directors or a majority of the members of a committee of non-employee directors established for such purpose consistent with past practices, (b) securities upon the exercise, exchange or conversion of the Notes or Warrants issued hereunder and/or other securities, options, warrants, convertible securities or other rights to acquire, exercisable or exchangeable for or convertible into, shares of Common Stock, in each case that are issued and outstanding on the date of this Agreement and are described in the SEC Reports, (c) securities issued pursuant to acquisitions of companies, assets or intellectual property (or licensing of assets or intellectual property) or strategic transactions approved by a majority of the disinterested directors of the Company, if any, provided that any such issuance shall only be to a Person which is, itself or through its subsidiaries, an operating company, a university or other non-financial institution and in which the Company receives benefits in addition to the investment of funds but shall not include a transaction in which the Company is issuing securities primarily for the purpose of raising capital or to an entity whose primary business is investing in securities, (d) securities issued or issuable in exchange for consideration other than cash in connection with any other transaction that is not for the primary purpose of financing the Company’s business, but shall not include a transaction in which the Company is issuing securities primarily for the purpose of raising capital or to an entity whose primary business is investing in securities, (e) securities issued or issuable to the Purchasers or their permitted assigns pursuant to this Agreement, the Notes, the Warrants or other Transaction Documents, or upon conversion or exchange of any such securities, and (f) shares of Common Stock issued as compensation to advisors of the Company in an amount not to exceed an aggregate amount of 1.5% of the outstanding Common Stock of the Company over any two year period.

“Faegre Drinker” means Faegre Drinker Biddle & Reath LLP, with offices located at 2200 Wells Fargo Center, 90 S. Seventh Street, Minneapolis, Minnesota 55402.

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

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

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

“Legend Removal Date” shall have the meaning ascribed to such term in Section 4.2(c).

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

“Lock-Up Agreements” shall have the meaning ascribed to such term in Section 4.20.

“Lock-Up Period” shall have the meaning ascribed to such term in Section 4.20.

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

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

“Maximum Rate” shall have the meaning ascribed to such term in Section 5.15.

“Notes” means the Future Advance Convertible Promissory Notes due in accordance with their terms, issued by the Company to each Purchaser hereunder, in the form of Exhibit A attached hereto.

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

“Placement Agent” means The Benchmark Company, LLC.

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

“Purchaser Party” shall have the meaning ascribed to such term in Section 4.11.

“Registration Rights Agreement” means the registration rights agreement, in the form of Exhibit B attached hereto.

“Registration Statement” shall have the meaning ascribed to such term in Section 4.18.

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

“Required Minimum” means, as of any date, 200% of the maximum aggregate number of shares of Common Stock then potentially issuable in the future pursuant to the Transaction Documents, including Warrant Shares issuable upon exercise of the Warrants and Conversion Shares issuable upon conversion in full of the Notes (including Conversion Shares issuable as payment of interest on the Notes), ignoring any conversion or exercise limits set forth therein.

“Reverse Stock Split” means the Company’s commitment to reduce its outstanding authorized and unissued shares of Common Stock via a reverse stock split to provide a number of authorized and unissued shares of Common Stock sufficient to permit the issuance of the Conversion Shares, the Warrant Shares and shares of Common Stock underlying all other outstanding securities convertible into or exercisable for shares of Common Stock no later than December 31, 2022.

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

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

“Secretary’s Certificate” shall have the meaning ascribed to such term in Section 2.2(a)(viii).

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

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

“Security Agreement” means the security agreement in substantially the form of Exhibit D attached hereto.

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

“Subordination Agreement” means the subordination agreement in substantially the form of Exhibit E attached hereto.



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

“Subsidiary” means any subsidiary of the Company and shall, where applicable, also include any direct or indirect subsidiary of the Company formed or acquired after the date hereof.

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

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

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

“Transfer Agent” means Action Stock Transfer Corporation, the current transfer agent of the Company with a mailing address of 2469 E. Fort Union Blvd, Suite 214, Salt Lake City, UT 84121, and any successor transfer agent of the Company.

“Transfer Agent Instructions” shall mean the instructions attached hereto as Exhibit F.

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

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

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

## ARTICLE II PURCHASE AND SALE

2.1 Closing. The purchase and sale of the Notes and the Warrants by the Company to the Purchasers shall occur at one closing of the Offering (a “Closing” and the date of such Closing, the “Closing Date”) to occur on or about August 5, 2022. On the Closing Date, upon the terms and subject to the conditions set forth herein, substantially concurrent with the execution and delivery of this Agreement by the parties hereto, the Company agrees to sell, and each Purchaser agrees to purchase, a Note in a principal amount equal to its Subscription Amount, with interest on the outstanding principal amount payable at the rate of 15% per annum, compounded annually, and Warrants as determined pursuant to Section 2.2(a). Each Purchaser shall deliver to the Company, via wire transfer on the Closing Date, immediately available funds equal to its initial disbursement of its Subscription Amount as set forth on Schedule A to its Note, and the Company shall deliver to each Purchaser its Note and Warrants, as determined pursuant to Section 2.2(a), and the Company and each Purchaser shall deliver the other items set forth in Section 2.2 deliverable at the Closing. Upon satisfaction of the conditions set forth in Sections 2.2 and 2.3, the initial Closing shall occur at the offices of Faegre Drinker or such other location as the parties hereto shall mutually agree.

### 2.2 Deliveries.

- (a) On the Closing Date, the Company shall deliver or cause to be delivered to each Purchaser the following:
  - (i) this Agreement duly executed by the Company;
  - (ii) the Registration Rights Agreement duly executed by the Company;
  - (iii) Notes with an aggregate principal amount of up to \$[●], registered in the name of each Purchaser;
  - (iv) the Transfer Agent Instructions duly executed by the Company and the Transfer Agent;
  - (v) legal opinions from Morrison & Foerster LLP, counsel to the Company, and Hutchison & Steffen, PLLC, Nevada counsel to the Company, each in a form reasonably acceptable to each Purchaser;
  - (vi) two Warrants registered in the name of each Purchaser to purchase up to an amount of shares of Common Stock as identified on the signature page hereto, with exercise prices equal to \$0.067 and \$0.04, respectively, subject to adjustment therein;
  - (vii) the Security Agreement duly executed by the Company;

- (viii) a certificate of the Secretary of the Company (the “Secretary’s Certificate”) certifying as to (i) the truth and accuracy of the resolutions of the board of directors and the pricing committee of the board of directors relating to the Transaction Documents and the transactions contemplated hereby and thereby (copies of which shall be included with such certificate) and (ii) the current versions of the Company’s Articles of Incorporation and Bylaws;
  - (ix) a certificate duly executed by an officer of the Company certifying as to the matters set forth in Section 2.3(b)(i) and (ii); and
  - (x) the side letter attached hereto as Exhibit H, duly executed by the Company and Leviston Resources, LLC.
- (b) On the Closing Date, each Purchaser shall deliver or cause to be delivered to the Company the following:
- (i) a counterpart of this Agreement duly executed by such Purchaser;
  - (ii) the Registration Rights Agreement duly executed by such Purchaser;
  - (iii) the disbursement of such Purchaser’s Subscription Amount by wire transfer to the account as specified in writing by the Company (see Annex A);
  - (iv) the Security Agreement duly executed by such Purchaser;
  - (v) the Subordination Agreement duly executed by such Purchaser; and
  - (vi) the Confidential Accredited Investor Questionnaire attached hereto as Exhibit I, duly executed by such Purchaser.

### 2.3 Closing Conditions.

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

- (i) the accuracy in all material respects on such Closing Date of the representations and warranties of such Purchaser contained herein, except to the extent that such representations and warranties specifically refer to an earlier date, in which case they shall be accurate in all material respects as of such earlier date;
- (ii) all obligations, covenants and agreements of such Purchaser required to be performed at or prior to such Closing Date shall have been performed; and

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

(b) The obligations of each Purchaser hereunder in connection with the Closing are subject to the following conditions being met, unless waived in the sole and absolute discretion of such Purchaser:

- (i) the accuracy in all respects on such Closing Date of the representations and warranties of the Company contained herein, except to the extent that such representations and warranties specifically refer to an earlier date, in which case they shall be accurate in all respects as of such earlier date;
- (ii) all obligations, covenants and agreements of the Company required to be performed at or prior to such Closing Date shall have been performed;
- (iii) the delivery by the Company of the items set forth in Section 2.2(a) of this Agreement;
- (iv) the delivery by the Company of the Lock-Up Agreements to the Placement Agent; and
- (v) the aggregate Subscription Amount of all Purchasers hereunder shall be no less than \$10,000,000.

(c) The obligations of each Purchaser hereunder to make any disbursement under a Note subsequent to the initial disbursement made on the Closing Date are subject to the following conditions being met, unless waived in the sole and absolute discretion of such Purchaser:

- (i) the accuracy in all respects on the date of such disbursement of the representations and warranties of the Company contained herein, except to the extent that such representations and warranties specifically refer to an earlier date, in which case they shall be accurate in all respects as of such earlier date;
- (ii) all obligations, covenants and agreements of the Company required to be performed at or prior to the date of such disbursement shall have been performed;
- (iii) there shall have been no Material Adverse Effect with respect to the Company;
- (iv) the delivery of legal opinions from Morrison & Foerster LLP, counsel to the Company, and Hutchison & Steffen, PLLC, Nevada counsel to the Company, each in a form reasonably acceptable to each Purchaser making a disbursement under a Note;

- (v) the delivery of the Secretary's Certificate; and
- (vi) the delivery of a certificate duly executed by an officer of the Company certifying as to the following matters:
  - (a) the accuracy in all respects on such disbursement date of the representations and warranties of the Company contained in this Agreement, except to the extent that such representations and warranties specifically refer to an earlier date, in which case they shall be accurate in all respects as of such earlier date; and
  - (b) all obligations, covenants and agreements of the Company required to be performed at or prior to such disbursement date under this Agreement have been performed.

Notwithstanding the foregoing, the obligation of each Purchaser to fund any disbursement under a Note subsequent to the initial disbursement shall be in such Purchaser's sole discretion.

### **ARTICLE III REPRESENTATIONS AND WARRANTIES**

3.1 Representations and Warranties of the Company. Except as set forth in the SEC Reports, including information contained or incorporated by reference therein, which collectively shall be deemed a part hereof and shall qualify any representation or warranty made herein only to the extent of the disclosure contained in the corresponding section of the SEC Reports, the Company hereby makes the following representations and warranties to each Purchaser as of the Closing, except where otherwise indicated:

(a) Subsidiaries. The Company owns, directly or indirectly, the capital stock or other equity interests of each Subsidiary, free and clear of any Liens, and all of the issued and outstanding shares of capital stock of each Subsidiary are validly issued and are fully paid, non-assessable and free of preemptive and similar rights to subscribe for or purchase securities. If the Company shall at any time in which a Note remains outstanding have no subsidiaries, all other references to the Subsidiaries or any of them in the Transaction Documents shall be disregarded.

(b) Organization and Qualification. Each of the Company and the Subsidiaries is an entity duly incorporated or otherwise organized, validly existing and in good standing under the laws of the jurisdiction of its incorporation or organization, with the requisite power and authority to own and use its properties and assets and to carry on its business as currently conducted. Neither the Company nor any Subsidiary is in violation nor default of any of the provisions of its respective certificate or articles of incorporation, bylaws or other organizational or charter documents. Each of the Company and the Subsidiaries is duly qualified to conduct business and is in good standing as a foreign corporation or other entity in each jurisdiction in which the nature of the business conducted or property owned by it makes such qualification necessary, except where the failure to be so qualified or in good standing, as the case may be, would not have or reasonably be expected to result in: (i) a material adverse effect on the legality, validity or enforceability of any Transaction Document, (ii) a material adverse effect on the results of operations, assets, business, prospects or condition (financial or otherwise) of the Company and the Subsidiaries, taken as a whole, or (iii) a material adverse effect on the Company's ability to perform in any material respect on a timely basis its obligations under any Transaction Document (any of (i), (ii) or (iii), a "Material Adverse Effect") provided that neither of the following alone shall be deemed, in and of itself, to constitute a Material Adverse Effect: (i) a change in the market price or trading volume of the Common Stock or (ii) a change in general economic conditions or affecting the industry in which the Company operates generally (as opposed to Company-specific changes), so long as such changes do not have a materially disproportionate effect on the Company and no Proceeding has been instituted in any such jurisdiction revoking, limiting or curtailing or seeking to revoke, limit or curtail such power and authority or qualification.

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

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

(e) Filings, Consents and Approvals. The Company is not required to obtain any consent, waiver, authorization or order of, give any notice to, or make any filing or registration with, any court or other federal, state, local or other governmental authority or other Person in connection with the execution, delivery and performance by the Company of the Transaction Documents, other than: (i) the filings required pursuant to Section 4.7, (ii) such consents, waivers, or authorizations as have been obtained before the initial Closing, other than consents from HealthTronics, Inc. or Celularity Inc. which have not been obtained, (iii) if required, the notice and/or application(s) to each applicable Trading Market for the issuance and sale of the Securities and the listing or quotation of the Conversion Shares or the Warrant Shares for trading thereon in the time and manner required thereby, and (iv) the filing of Form D with the Commission and such filings as are required to be made under applicable state securities laws (collectively, the “Required Approvals”).

(f) Issuance of the Securities. The issuance of the Securities has been duly authorized by all necessary corporate action. The Notes and the Warrants, when issued and paid for in accordance with the applicable Transaction Documents, will be valid and binding obligations of the Company, enforceable against the Company in accordance with their terms, free and clear of all Liens other than restrictions on transfer provided for in the Transaction Documents. The Warrant Shares and the Conversion Shares, when issued in accordance with the terms of the Transaction Documents, will be validly issued, fully paid and nonassessable, free and clear of all Liens other than restrictions on transfer provided for in the Transaction Documents. Within five Business Days of the earlier of the completion of the Reverse Stock Split and the actions otherwise required pursuant to Section 4.12(b) of this Agreement, the Company will reserve the Required Minimum from its duly authorized capital stock a number of shares of Common Stock for issuance of the Warrant Shares and the Conversion Shares.

(g) Capitalization. The capitalization of the Company immediately prior to the Closing is, in all material respects, as set forth in the SEC Reports. No Person has (i) any right of first refusal, preemptive right, right of participation, or any similar right to participate in the transactions contemplated by the Transaction Documents except for such, if any, as will have been validly waived before the Closing and (ii) except pursuant to the operation of agreements filed as exhibits to the SEC Reports before the date of this Agreement and as set forth in the SEC Reports, there are no outstanding options, warrants, scrip rights to subscribe to, calls or commitments of any character whatsoever relating to, or securities, rights or obligations convertible into or exercisable or exchangeable for, or giving any Person any right to subscribe for or acquire any shares of Common Stock, or contracts, commitments, understandings or arrangements by which the Company or any Subsidiary is or may become bound to issue additional shares of Common Stock or Common Stock Equivalents. The issuance and sale of the Securities will not obligate the Company to issue shares of Common Stock or other securities to any Person (other than the Purchasers) and will not result in a right of any holder of Company securities to adjust the exercise, conversion, exchange or reset price under any of such securities. All of the outstanding shares of capital stock of the Company are validly issued, fully paid and nonassessable, have been issued in compliance with federal and state securities laws, and none of such outstanding shares was issued in violation of any preemptive rights or similar rights to subscribe for or purchase securities. Other than the Required Approvals, no further approval or authorization of any stockholder, the Board of Directors or others is required for the issuance and sale of the Securities. There are no stockholders agreements, voting agreements or other similar agreements with respect to the Company’s capital stock to which the Company is a party or, to the knowledge of the Company, between or among any of the Company’s stockholders.



(h) SEC Reports; Financial Statements. Except for the Company's Current Report on Form 8-K filed on August 6, 2020, Quarterly Report on Form 10-Q for the quarter ended September 30, 2020, Annual Report on Form 10-K for the fiscal year ended December 31, 2020, Quarterly Report on Form 10-Q for the quarter ended March 31, 2021, Quarterly Report on Form 10-Q for the quarter ended June 30, 2021, Current Report on Form 8-K filed on September 7, 2021, Quarterly Report on Form 10-Q for the quarter ended September 30, 2021, Annual Report on Form 10-K for the fiscal year ended December 31, 2021, Quarterly Report on Form 10-Q for the quarter ended March 31, 2022, and Current Report on Form 8-K filed on April 10, 2022, the Company has filed all reports, schedules, forms, statements and other documents required to be filed by the Company under Section 13(a) or 15(d) of the Exchange Act for the two years preceding the date hereof (or such shorter period as the Company was required by law or regulation to file such material) (the foregoing materials, including the exhibits thereto and documents incorporated by reference therein, being collectively referred to herein as the "SEC Reports") on a timely basis or has received a valid extension of such time of filing and has filed any such SEC Reports prior to the expiration of any such extension. As of their respective dates, the SEC Reports complied in all material respects with the requirements of the Exchange Act, and none of the SEC Reports, when filed, contained any untrue statement of a material fact or omitted to state a material fact required to be stated therein or necessary in order to make the statements therein, in the light of the circumstances under which they were made, not misleading. The financial statements of the Company included in the SEC Reports comply in all material respects with applicable accounting requirements and the rules and regulations of the Commission with respect thereto as in effect at the time of filing. Such financial statements have been prepared in accordance with United States generally accepted accounting principles applied on a consistent basis during the periods involved ("GAAP"), except as may be otherwise specified in such financial statements or the notes thereto and except that unaudited financial statements may not contain all footnotes required by GAAP, and fairly present in all material respects the financial position of the Company and its consolidated Subsidiaries as of and for the dates thereof and the results of operations and cash flows for the periods then ended, subject, in the case of unaudited statements, to normal, immaterial, year-end audit adjustments. The Company is not, and has no reason to believe that it will not in the foreseeable future, be in compliance with all its reporting requirements under the Securities Act and Exchange Act.

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

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

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

(l) Compliance. Neither the Company nor any Subsidiary: (i) other than (A) the Factoring Agreement, dated as of June 17, 2021, by and between the Company and Goodman Capital Finance and (B) the Lease Agreement, dated as of March 24, 2022, by and between the Company and NFS Leasing, Inc. ("NFS"), is in default under or in violation of (and no event has occurred that has not been waived that, with notice or lapse of time or both, would result in a default by the Company or any Subsidiary under), nor has the Company or any Subsidiary received notice of a claim that it is in default under or that it is in violation of, any indenture, loan or credit agreement or any other material agreement or instrument to which it is a party or by which it or any of its properties is bound (whether or not such default or violation has been waived) and such default or violation has not been cured, (ii) is in violation of any judgment, decree or order of any court, arbitrator or governmental body or (iii) is or has been in violation of any statute, rule, ordinance or regulation of any governmental authority, including without limitation all foreign, federal, state and local laws applicable to taxes, environmental protection, occupational health and safety, product quality and safety and employment and labor matters, except, in each case, as would not reasonably be expected to result in a Material Adverse Effect.

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

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

(o) Patents and Trademarks. (i) The Company and the Subsidiaries have, or have rights to use, all patents, patent applications, trademarks, trademark applications, service marks, trade names, trade secrets, inventions, copyrights, licenses and other intellectual property rights and similar rights as described in the SEC Reports as necessary for the conduct of their respective businesses as currently described in the SEC Reports and which the failure to so have would not reasonably be expected to result in a Material Adverse Effect (collectively, the “Intellectual Property Rights”); (ii) neither the Company nor any Subsidiary has received a notice (written or otherwise) that the conduct of the business as currently conducted as described in the SEC Reports violates or infringes upon the intellectual property rights of any Person; (iii) to the knowledge of the Company, all such Intellectual Property Rights are enforceable, except where the failure to be so enforceable or for such infringements as would not, individually or in the aggregate, reasonably be expected to have a Material Adverse Effect; and (iv) the Company and its Subsidiaries have taken reasonable security measures to protect the secrecy, confidentiality of all of their Intellectual Property Rights, except where failure to do so would not, individually or in the aggregate, reasonably be expected to result in a Material Adverse Effect.

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

(q) Sarbanes-Oxley; Internal Accounting Controls. The Company is in material compliance with all applicable provisions of the Sarbanes-Oxley Act of 2002 which are applicable to it as of the Closing Date, except where the failure to be in compliance would not result in a Material Adverse Effect. The Company and the Subsidiaries maintain a system of internal accounting controls sufficient to provide reasonable assurance that: (i) transactions are executed in accordance with management's general or specific authorizations, (ii) transactions are recorded as necessary to permit preparation of financial statements in conformity with GAAP and to maintain asset accountability, (iii) access to assets is permitted only in accordance with management's general or specific authorization, and (iv) the recorded accountability for assets is compared with the existing assets at reasonable intervals and appropriate action is taken with respect to any differences. The Company has established disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) for the Company and designed such disclosure controls and procedures to ensure that information required to be disclosed by the Company in the reports it files or submits under the Exchange Act is recorded, processed, summarized and reported, within the time periods specified in the Commission's rules and forms. The Company's certifying officers have evaluated the effectiveness of the Company's disclosure controls and procedures as of the end of the period covered by the Company's most recently filed periodic report under the Exchange Act (such date, the "Evaluation Date"). The Company presented in its most recently filed periodic report under the Exchange Act the conclusions of the certifying officers about the effectiveness of the disclosure controls and procedures based on their evaluations as of the Evaluation Date. Since the Evaluation Date, there have been no changes in the Company's internal control over financial reporting (as such term is defined in the Exchange Act) that has materially affected, or is reasonably likely to materially affect, the Company's internal control over financial reporting.

(r) Certain Fees. Except for the Placement Agent, no brokerage, due diligence, finder's fees or commissions are or will be payable by the Company to any broker, financial advisor or consultant, finder, placement agent, investment banker, bank or other Person with respect to the transactions contemplated by the Transaction Documents. The Purchaser shall have no obligation with respect to any fees or with respect to any claims made by or on behalf of other Persons for fees of a type contemplated in this Section that may be due in connection with the transactions contemplated by the Transaction Documents.

(s) Investment Company. The Company is not, and is not an Affiliate of, and immediately after receipt of payment for the Securities, will not be or be an Affiliate of, an "investment company" within the meaning of the Investment Company Act of 1940, as amended.

(t) Registration Rights. Other than rights set forth in the (i) the Registration Rights Agreement, dated as of May 19, 2022, by and between the Company and GCF Resources LLC, (ii) the Registration Rights Agreement, dated as of May 19, 2022, by and between the Company and SIP Consulting LLC, (iii) the Registration Rights Agreement, dated as of December 21, 2021, by and between the Company and GCF Resources LLC, and (iv) the Registration Rights Agreement, dated as of December 21, 2021 by and between the Company and SIP Consulting LLC, no Person has any right to cause the Company to effect the registration under the Securities Act of any securities of the Company.

(u) Listing and Maintenance Requirements. Other than the electronic mail sent by OTC Markets Group, Inc. to the Company on September 7, 2021, the Company has not, in the 12 months preceding the date hereof, received notice from any Trading Market on which the Common Stock is or has been listed or quoted to the effect that the Company is not in compliance with the listing or maintenance requirements of such Trading Market. The Company is in compliance with all such listing and maintenance requirements.

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

(w) Disclosure. Except with respect to the material terms and conditions of the transactions contemplated by the Transaction Documents, the Company confirms that neither it nor any other Person acting on its behalf has provided any Purchaser or its agents or counsel with any information that it believes constitutes or might constitute material, nonpublic information. The Company understands and confirms that each Purchaser will rely on the foregoing representation in effecting transactions in securities of the Company. All disclosure furnished in writing by or on behalf of the Company to any Purchaser regarding the Company, its business and the transactions contemplated hereby (in each case as modified or supplemented by other information so furnished), taken as a whole, is true and correct in all material respects and does not contain any untrue statement of a material fact or omit to state any material fact necessary in order to make the statements made therein, taken as a whole, in light of the circumstances under which they were made, not misleading. The press releases disseminated by the Company during the twelve months preceding the date of this Agreement do not contain any untrue statement of a material fact or omit to state a material fact required to be stated therein or necessary in order to make the statements therein, taken as a whole, in light of the circumstances under which they were made and when made, not misleading. The Company acknowledges and agrees that no Purchaser has made any representations or warranties with respect to the transactions contemplated hereby other than those specifically set forth in Section 3.2 hereof.

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

(y) Tax Status. Except for matters that would not, individually or in the aggregate, have or reasonably be expected to result in a Material Adverse Effect, the Company and each Subsidiary has filed all federal, state and foreign income and franchise tax returns required by any jurisdiction to which it is subject and has paid or accrued all taxes that are material in amount shown as due thereon, and the Company has no knowledge of a tax deficiency which has been asserted or threatened against the Company or any Subsidiary. There are no audits pending by any tax or other governmental authority relating to the payment of taxes by the Company or any subsidiary.

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

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

(bb) No Disagreements with Accountants and Lawyers; Outstanding SEC Comments. There are no disagreements of any kind presently existing, or reasonably anticipated by the Company to arise, between the Company and the accountants and lawyers formerly or presently employed by the Company and the Company is or immediately after the Closing Date will be current with respect to any fees owed to its accountants which would affect the Company’s ability to perform any of its obligations under any of the Transaction Documents. There are no unresolved comments or inquiries received by the Company or its Affiliates from the Commission which remain unresolved as of the date hereof.

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

(dd) Disqualification. No executive officer, member of the Board of Directors of the Company or shareholder of the Company beneficially owning more than 10% of the Company’s securities is currently subject to a Disqualifying Event. For purposes of this Agreement, “Disqualifying Event” means any conviction, order, judgment, decree, suspension, expulsion, event or other matter set out in Rule 506(d)(1)(i) through (viii) of Regulation D that is currently in effect or which occurred within the periods set out in Rule 506(d)(1)(i) through (viii).



(ee) Solvency. The Company has no knowledge of any facts or circumstances which lead it to believe that it will file for reorganization or liquidation under the bankruptcy or reorganization laws of any jurisdiction within one year from the Closing Date. The SEC Reports set forth, as of the date hereof, all outstanding secured and unsecured Indebtedness of the Company or any Subsidiary, or for which the Company or any Subsidiary has commitments. For the purposes of this Agreement, “Indebtedness” means (x) any liabilities for borrowed money or amounts owed in excess of \$100,000 in the aggregate (other than trade accounts payable incurred in the ordinary course of business), (y) all guaranties, endorsements and other contingent obligations in respect of indebtedness of others, whether or not the same are or should be reflected in the Company’s consolidated balance sheets (or the notes thereto), except guaranties by endorsement of negotiable instruments for deposit or collection or similar transactions in the ordinary course of business; and (z) the present value of any lease payments in excess of \$100,000 due under leases required to be capitalized in accordance with GAAP. Neither the Company nor any Subsidiary is in default with respect to any Indebtedness, except where such default would not reasonably be expected to result, individually or in the aggregate, in a Material Adverse Effect.

(ff) Acknowledgment Regarding Purchasers’ Trading Activity. Anything in this Agreement or elsewhere herein to the contrary notwithstanding, it is understood and acknowledged by the Company that: (i) no Purchaser has been asked by the Company to agree, nor has any Purchaser agreed, to desist from purchasing or selling, long and/or short, securities of the Company, or “derivative” securities based on securities issued by the Company or to hold the Securities for any specified term, (ii) past or future open market or other transactions by any Purchaser, specifically including, without limitation, Short Sales or “derivative” transactions, before or after the closing of this or future private placement transactions, may negatively impact the market price of the Company’s publicly-traded securities, (iii) any Purchaser, and counter-parties in “derivative” transactions to which any such Purchaser is a party, directly or indirectly, may presently have a “short” position in the Common Stock and (iv) no Purchaser shall be deemed to have any affiliation with or control over any arm’s length counter-party in any “derivative” transaction. The Company further understands and acknowledges that (y) one or more Purchasers may engage in hedging activities at various times during the period that the Securities are outstanding, including, without limitation, during the periods that the value of the Conversion Shares and Warrant Shares deliverable with respect to Securities are being determined, and (z) such hedging activities (if any) would reduce the value of the existing stockholders’ equity interests in the Company at and after the time that the hedging activities are being conducted. The Company acknowledges that such aforementioned hedging activities do not constitute a breach of any of the Transaction Documents. The Company acknowledges that anything to the contrary in the Transaction Documents notwithstanding, any Purchaser may sell long any Conversion Shares and Warrant Shares it anticipates receiving after conversion of any part of the Notes or exercise of the Warrants.

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

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

(ii) Stock Option Plans. Each stock option and similar security granted by the Company was granted (i) in accordance with the terms of an applicable stock option plan and (ii) with an exercise price at least equal to the fair market value of the Common Stock on the date such stock option would be considered granted under GAAP and applicable law. No stock option granted under any 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.

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

(kk) Indebtedness and Seniority. As of the date hereof, all Indebtedness and Liens of the Company and the principal terms thereof are set forth in the SEC Reports. Except as set forth in the SEC Reports and the Subordination Agreement, no Indebtedness or other equity of the Company is or will be *pari passu* or senior to the Notes in right of payment, whether with respect to interest or upon liquidation or dissolution, or otherwise, other than indebtedness secured by purchase money security interests (which is senior only as to underlying assets covered thereby) and capital lease obligations (which is senior only as to the property covered thereby).

(ll) FDA. There is no pending, completed or, to the Company's knowledge, threatened, action (including any lawsuit, arbitration, or legal or administrative or regulatory Proceeding, charge, complaint, or investigation) against the Company or any of its Subsidiaries, and none of the Company or any of its Subsidiaries has received any notice, warning letter or other communication from the U.S. Food and Drug Administration (the "FDA") or any other governmental entity, which (i) contests the premarket clearance, licensure, registration, or approval of, the uses of, the distribution of, the manufacturing or packaging of, the testing of, the sale of, or the labeling and promotion of any product, (ii) withdraws its approval of, requests the recall, suspension, or seizure of, or withdraws or orders the withdrawal of advertising or sales promotional materials relating to, any product, (iii) imposes a clinical hold on any clinical investigation by the Company or any of its Subsidiaries, (iv) enjoins production at any facility of the Company or any of its Subsidiaries, (v) enters or proposes to enter into a consent decree of permanent injunction with the Company or any of its Subsidiaries, or (vi) otherwise alleges any violation of any laws, rules or regulations by the Company or any of its Subsidiaries, and which, either individually or in the aggregate, would have a Material Adverse Effect. The properties, business and operations of the Company have been and are being conducted in all material respects in accordance with all applicable laws, rules and regulations of the FDA. The Company has not been informed by the FDA that the FDA will prohibit the marketing, sale, license or use in the United States of any product proposed to be developed, produced or marketed by the Company nor has the FDA expressed any concern as to approving or clearing for marketing any product being developed or proposed to be developed by the Company.

(mm) Survival. The foregoing representations and warranties shall survive the Closing.

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

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

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

(c) No Conflicts. The execution, delivery and performance by the Purchaser of this Agreement and the consummation by the Purchaser of the transactions contemplated hereby and thereby will not (i) result in a violation of the organizational documents of such Purchaser 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 the Purchaser 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 the Purchaser, 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 result in a Material Adverse Effect on the ability of the Purchaser to perform its obligations hereunder or consummate the transactions contemplated hereby and thereby on a timely basis.

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

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

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

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

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

(i) Certain Transactions and Confidentiality. Such Purchaser has not, nor has any Person acting on behalf of or pursuant to any understanding with such Purchaser, directly or indirectly, executed any purchases or sales, including Short Sales, of the securities of the Company during the period commencing as of the time that such Purchaser first received a term sheet (written or oral) from the Company or any other Person representing the Company setting forth the material terms of the transactions contemplated hereunder and ending immediately prior to the execution hereof. Other than to other Persons party to this Agreement or to such Purchaser's representatives, including, without limitation, its officers, directors, partners, legal and other advisors, employees, agents and Affiliates, the Purchaser has maintained the confidentiality of all disclosures made to it in connection with this transaction (including the existence and terms of this transaction). Notwithstanding the foregoing, for avoidance of doubt, nothing contained herein shall constitute a representation or warranty, or preclude any actions, with respect to the identification of the availability of, or securing of, available shares to borrow in order to effect Short Sales or similar transactions in the future.

(j) Ownership of Securities. Such Purchaser, together with its Affiliates and associates and any Person with which such Purchaser is acting jointly or in concert, will upon Closing beneficially own less than 10% of the issued and outstanding shares of Common Stock, and, solely for purposes of calculating such beneficial ownership for purposes of this Agreement, any such Person will be deemed to beneficially own any shares of Common Stock that such Person otherwise has the right to acquire within 60 days (including upon the occurrence of a contingency or the making of a payment) pursuant to any convertible security, agreement, arrangement, pledge or understanding, whether or not in writing.

(k) No Governmental Review. Such Purchaser 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.

(l) Brokers or Finders. Neither such Purchaser nor any of its affiliates (as defined in Rule 144) or any of their respective officers or directors has employed any broker or finder or incurred any liability for any financial advisory fee, brokerage fees, commissions or finder's fee, and no broker or finder has acted directly or indirectly for such Purchaser or any of its affiliates or any of their respective officers or directors in connection with this Agreement or the transactions contemplated hereby

(m) No Disqualification Events. Such Purchaser is not, and if such Purchaser is an entity, none of its directors, executive officers, general partners, managers, managing members or beneficial owners of 20% of such Purchaser's outstanding voting equity securities, calculated on the basis of voting power, is, and on each date on which such Purchaser acquires any Conversion Shares, none of them will be, subject to a Disqualifying Event.

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

#### **ARTICLE IV OTHER AGREEMENTS OF THE PARTIES**

4.1 Underlying Shares. If all or any portion of a Warrant is exercised at a time when there is an effective registration statement to cover the issuance or resale of the Warrant Shares, the Warrant Shares issued pursuant to any such exercise shall be issued free of all legends. If at any time following the date hereof any required registration statement registering the sale or resale of the Warrant Shares is not effective or is not otherwise available for the sale or resale of the Warrant Shares, the Company shall immediately notify the holders of the Warrants in writing that such registration statement is not then effective and thereafter shall promptly notify such holders when the registration statement is effective again and available for the sale or resale of the Warrant Shares (it being understood and agreed that the foregoing shall not limit the ability of the Company to issue, or a Purchaser to sell, any of the Warrant Shares in compliance with applicable federal and state securities laws). The Company shall use best efforts to keep a registration statement registering the issuance or resale of the Warrant Shares effective during the term of the Warrants.

#### 4.2 Transfer Restrictions.

(a) The Securities may only be disposed of in compliance with state and federal securities laws. In connection with any transfer of Securities other than pursuant to an effective registration statement or Rule 144, to the Company or in connection with a pledge as contemplated in Section 4.2(b) or a transfer to an Affiliate of a Purchaser, the Company may require the transferor thereof to provide to the Company at the Company's expense, an opinion of counsel selected by the transferor and reasonably acceptable to the Company, the form and substance of which opinion shall be reasonably satisfactory to the Company, to the effect that such transfer does not require registration of such transferred Securities under the Securities Act. As a condition of transfer, any such transferee shall agree in writing to be bound by the terms of this Agreement and the Registration Rights Agreement, including the representations and warranties made by each Purchaser herein, and shall have the rights of a Purchaser under this Agreement.

(b) Each Purchaser agrees to the imprinting by the Company, so long as is required by this Section 4.2, of a legend on any of the Securities in substantially the following form:

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

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

(c) The Company agrees that certificates evidencing the Conversion Shares and the Warrant Shares (or, if Conversion Shares or Warrant Shares are issued in uncertificated form, comparable share notices) shall not contain any legend (including the legend set forth in Section 4.2(b) hereof) (“Unlegended Shares”): (i) while a registration statement covering the resale of such security is effective under the Securities Act, or (ii) following any sale of such Conversion Shares or Warrant Shares pursuant to Rule 144, or (iii) if such Conversion Shares or Warrant Shares are eligible for sale under Rule 144 as to such Conversion Shares or Warrant Shares and without volume or manner-of-sale restrictions, or (iv) if such legend is not otherwise required under applicable requirements of the Securities Act (including judicial interpretations and pronouncements issued by the staff of the Commission), as reasonably determined by the Company. Upon a Purchaser’s request in connection with a proposed sale of Conversion Shares or Warrant Shares pursuant to Rule 144 and if the Company reasonably determines it is so required, upon receipt of customary documentation from such Purchaser’s broker (if the Conversion Shares or Warrant Shares are sold in brokers transactions), the Company shall, at its own cost and effort, retain legal counsel to provide an opinion letter to the Transfer Agent opining that the Conversion Shares or Warrant Shares may be resold without registration under the Securities Act, pursuant to Rule 144, promulgated thereunder, so long as the requirements of Rule 144 are met for any Conversion Shares or Warrant Shares to be resold thereunder. The Company shall arrange for any such opinion letter to be provided not later than three (3) Business Days after the date of delivery to and receipt by the Company of a written request by a Purchaser together with (if required in order to render the opinion) any broker’s representation letter of other customary documentation reasonably requested by the Company evidencing compliance with Rule 144 (the “Legend Removal Date”).

(d) Each Purchaser agrees that such Purchaser will sell any Securities only pursuant to either an exemption from registration or a registration statement under the Securities Act, including any applicable prospectus delivery requirements, and that if Securities are sold pursuant to a registration statement, they will be sold in compliance with the plan of distribution set forth therein, and acknowledges that the removal of the restrictive legend from certificates representing Securities as set forth in this Section 4.2 is predicated upon the Company’s reliance upon this understanding.

(e) Legend Removal Default. In addition to each Purchaser’s other available remedies, provided the conditions for legend removal set forth in Section 4.2(c) exist, the Company shall pay to a Purchaser, in cash, as partial liquidated damages and not as a penalty, for each \$1,000 of Conversion Shares and/or Warrant Shares (based on the higher of the actual purchase price or VWAP of the Common Stock on the date such Securities are submitted to the Transfer Agent) delivered for removal of the restrictive legend and subject to Section 4.2(d), \$10 per Trading Day for each Trading Day after the Legend Removal Date (increasing to \$20 per Trading Day after the third Trading Day) until such certificate is delivered without a legend. Nothing herein shall limit a Purchaser’s right to pursue actual damages for the Company’s failure to deliver certificates representing any Securities as required by the Transaction Documents, and such Purchaser shall have the right to pursue all remedies available to it at law or in equity including, without limitation, a decree of specific performance and/or injunctive relief. Notwithstanding the foregoing, a Purchaser shall not be entitled to the remedy prescribed pursuant to this Section 4.2(e) in the event that the Company has used its reasonable best efforts to cause the removal of a restrictive legend and has provided written affirmation of such efforts to such Purchaser, in a form reasonably satisfactory to such Purchaser.



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

(g) Injunction. In the event a Purchaser shall request delivery of Unlegended Shares as described in this Section 4.2 and the Company is required to deliver such Unlegended Shares, the Company may not refuse to deliver Unlegended Shares based on any claim that a Purchaser or anyone associated or affiliated with such Purchaser has not complied with such Purchaser's obligations under the Transaction Documents, or for any other reason, unless, an injunction or temporary restraining order from a court, on notice, restraining and or enjoining delivery of such Unlegended Shares shall have been sought and obtained by the Company and the Company has posted a surety bond for the benefit of such Purchaser in the amount of the greater of (i) 120% of the amount of the aggregate purchase price of the Conversion Shares or Warrant Shares to be subject to the injunction or temporary restraining order, or (ii) the VWAP of the Common Stock on the Trading Day before the issue date of the injunction multiplied by the number of Unlegended Shares to be subject to the injunction, which bond shall remain in effect until the completion of arbitration/litigation of the dispute and the proceeds of which shall be payable to such Purchaser to the extent such Purchaser obtains judgment in such Purchaser's favor. Notwithstanding the foregoing, this Section 4.2(g) shall not apply in the event that the Company has used its reasonable best efforts to cause the removal of a restrictive legend and has provided written affirmation of such efforts to a Purchaser, in a form reasonably satisfactory to such Purchaser.

(h) Buy-In. In addition to any other rights available to each Purchaser, if the Company fails to deliver to a Purchaser Unlegended Shares as required pursuant to this Agreement and after the Legend Removal Date a Purchaser, or a broker on such Purchaser's behalf, purchases (in an open market transaction or otherwise) shares of Common Stock to deliver in satisfaction of a sale by such Purchaser of the shares of Common Stock which such Purchaser was entitled to receive in unlegended form from the Company (a "Buy-In"), then the Company shall promptly pay in cash to such Purchaser (in addition to any remedies available to or elected by such Purchaser) the amount, if any, by which (A) such Purchaser's total purchase price (including brokerage commissions, if any) for the shares of Common Stock so purchased exceeds (B) the aggregate purchase price of the shares of Common Stock delivered to the Company for reissuance as Unlegended Shares together with interest thereon at a rate of 15% per annum accruing until such amount and any accrued interest thereon is paid in full (which amount shall be paid as liquidated damages and not as a penalty). For example, if a Purchaser purchases shares of Common Stock having a total purchase price of \$11,000 to cover a Buy-In with respect to \$10,000 of purchase price of Conversion Shares or Warrant Shares delivered to the Company for reissuance as Unlegended Shares, the Company shall be required to pay such Purchaser \$1,000, plus interest, if any. A Purchaser shall provide the Company written notice indicating the amounts payable to such Purchaser in respect of the Buy-In. Notwithstanding the foregoing, this Section 4.2(h) shall not apply in the event that the Company has used its reasonable best efforts to cause the removal of a restrictive legend and has provided written affirmation of such efforts to a Purchaser, in a form reasonably satisfactory to such Purchaser.

(i) Plan of Distribution. Each Purchaser agrees with the Company that such Purchaser will sell any Securities pursuant to either the registration requirements of the Securities Act, including any applicable prospectus delivery requirements, or an exemption therefrom, and that if Securities are sold pursuant to a registration statement, they will be sold in compliance with the plan of distribution set forth therein, and acknowledges that the removal of the restrictive legend from certificates representing Securities as set forth in this Section 4.2 is predicated upon the Company's reliance upon this understanding.

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

#### 4.4 Furnishing of Information.

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

(b) At any time commencing on the Closing Date and ending at such time that all of the Securities may be sold without the requirement for the Company to be in compliance with Rule 144(c)(1) and otherwise without restriction or limitation pursuant to Rule 144, if the Company shall fail for any reason to satisfy the current public information requirement under Rule 144(c) (a "Public Information Failure") then, in addition to each Purchaser's other available remedies, the Company shall, as partial liquidated damages and not as a penalty, increase the aggregate principal amount of each Note by 30% of the then aggregate principal amount of such Note and accrued interest thereon on the day of a Public Information Failure.

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

4.6 Conversion and Exercise Procedures. Each of the form of Notice of Conversion included in the Notes and the form of Notice of Exercise included in the Warrants sets forth the totality of the procedures required of a Purchaser in order to convert a Note or exercise the Warrants. No additional legal opinion, other information or instructions shall be required of a Purchaser to convert its Note or exercise its Warrants. The Company shall honor conversions of the Note and exercises of the Warrants and shall deliver Conversion Shares and Warrant Shares, respectively, in accordance with the terms, conditions and time periods set forth in the Transaction Documents.

4.7 Securities Laws Disclosure; Publicity. The Company shall, by 9:00 a.m. (New York City time) on the Trading Day within three (3) days following the date hereof, issue a Current Report on Form 8-K disclosing the material terms of the transactions contemplated hereby and including the Transaction Documents as exhibits thereto. The Company and the Purchasers shall consult with each other in issuing any other press releases with respect to the transactions contemplated hereby, and neither the Company nor the Purchasers shall issue any such press release nor otherwise make any such public statement (other than in the Company's SEC Reports after the initial Closing Date or exhibits filed therewith) without the prior consent of the Company, with respect to any press release of a Purchaser, or without the prior consent of the Purchasers, with respect to any press release of the Company, which consent shall not unreasonably be withheld or delayed, except if such disclosure is required by law, in which case the disclosing party shall promptly provide the other party with prior notice of such public statement or communication. Notwithstanding the foregoing, other than in connection with the Company's SEC Reports or disclosures to any regulatory agency or Trading Market that the Company determines are necessary or appropriate, the Company shall not publicly disclose the name of any Purchaser, or include the name of any Purchaser, in any press release or similar public statement, without the prior written consent of such Purchaser.

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

4.9 Non-Public Information. Except with respect to the material terms and conditions of the transactions contemplated by the Transaction Documents, the Company covenants and agrees that after the Closing Date neither it, nor any other Person acting on its behalf, will provide any Purchaser or its agents or counsel with any information that the Company believes constitutes material non-public information, unless prior thereto such Purchaser shall have executed a written agreement regarding the confidentiality and use of such information. The Company understands and confirms that the Purchasers shall be relying on the foregoing covenant in effecting transactions in securities of the Company. Each Purchaser acknowledges that it is aware that the United States securities laws prohibit any person who has material non-public information about a company from purchasing or selling securities of such company, or from communicating such information to any other person under circumstances in which it is reasonably foreseeable that such person is likely to purchase or sell such securities, and each Purchaser agrees not to engage in any unlawful trading in securities of the Company or unlawful misuse or misappropriation of any such information. Each Purchaser agrees to maintain the confidentiality of and not disclose or use (except for purposes relating to the transactions contemplated by this Agreement) any confidential, proprietary or non-public information disclosed by the Company to such Purchaser, unless such information becomes publicly known through no breach of this Agreement by such Purchaser.

4.10 Use of Proceeds. The Company shall use the net proceeds from the sale of the Securities hereunder for working capital purposes, repayment of Indebtedness, business development, and general and administrative expenses.

4.11 Indemnification of Purchasers. Subject to the provisions of this Section 4.11, the Company will indemnify and hold each Purchaser and its directors, officers, shareholders, members, partners, employees and agents (and any other Persons with a functionally equivalent role of a Person holding such titles notwithstanding a lack of such title or any other title), each Person who controls a Purchaser (within the meaning of Section 15 of the Securities Act and Section 20 of the Exchange Act), and the directors, officers, shareholders, agents, members, partners or employees (and any other Persons with a functionally equivalent role of a Person holding such titles notwithstanding a lack of such title or any other title) of such controlling person and their respective successors and permitted assigns (each, a “Purchaser Party”) harmless from any and all losses, liabilities, obligations, claims, contingencies, damages, reasonable and documented out-of-pocket costs and expenses, including all judgments, amounts paid in settlements, court costs and reasonable and documented out-of-pocket attorneys’ fees of a single counsel for the Purchaser Parties, taken as a whole, and costs of investigation that any such Purchaser Party may suffer or incur as a result of or relating to (a) any breach of any of the representations, warranties, covenants or agreements made by the Company in this Agreement or in the other Transaction Documents or (b) any action instituted against a Purchaser in any capacity, or any of them or their respective Affiliates, by any stockholder of the Company who is not an Affiliate of such Purchaser, with respect to any of the transactions contemplated by the Transaction Documents (unless such action is based upon a breach of such Purchaser’s representations, warranties or covenants under the Transaction Documents or any agreements or understandings such Purchaser may have with any such stockholder or any violations by such Purchaser of state or federal securities laws or any conduct by such Purchaser which constitutes fraud, gross negligence, bad faith, willful misconduct or malfeasance). If any action shall be brought against a Purchaser Party in respect of which indemnity may be sought pursuant to this Agreement, such Purchaser Party shall promptly notify the Company in writing, and the Company shall have the right to assume the defense thereof with counsel of its own choosing reasonably acceptable to such Purchaser Party. Any Purchaser Party shall have the right to employ separate counsel in any such action and participate in the defense thereof, but the fees and expenses of such counsel shall be at the expense of such Purchaser Party except to the extent that (i) the employment thereof has been specifically authorized by the Company in writing, (ii) the Company has failed after a reasonable period of time to assume such defense and to employ counsel or (iii) in such action there is, in the reasonable opinion of such separate counsel, a material conflict on any material issue between the position of the Company and the position of such Purchaser Party, in which case the Company shall be responsible for the reasonable and documented out-of-pocket fees and expenses of no more than one such separate counsel. The Company will not be liable to any Purchaser Party under this Agreement (y) for any settlement by a Purchaser Party effected without the Company’s prior written consent, which shall not be unreasonably withheld, conditioned or delayed; or (z) to the extent, but only to the extent that a loss, claim, damage or liability is attributable to any Purchaser Party’s breach of any of the representations, warranties, covenants or agreements made by such Purchaser Party in this Agreement or in the other Transaction Documents, as determined by a final judgment of a court of competent jurisdiction from which no appeal may be taken.

#### 4.12 Reservation and Listing of Securities.

(a) Within five Business Days of the earlier of the completion of the Reverse Stock Split and the actions otherwise required pursuant to Section 4.12(b) of this Agreement, the Company shall maintain a reserve from its duly authorized shares of Common Stock for issuance pursuant to the Transaction Documents in such amount as may then be required to fulfill its obligations in full under the Transaction Documents. Upon request by a Purchaser, the Company shall deliver, or cause the Transfer Agent to deliver, to such Purchaser a statement of the number of shares of Common Stock that are currently reserved for issuance pursuant to the Transaction Documents.

(b) If, on any date following of the earlier of (i) the effective date of the Reverse Stock Split and (ii) January 1, 2023, the number of authorized but unissued (and otherwise unreserved) shares of Common Stock is less than the Required Minimum on such date, then the Board of Directors shall use commercially reasonable efforts to amend the Company's certificate or articles of incorporation to increase the number of authorized but unissued shares of Common Stock to at least the Required Minimum at such time, as soon as possible and in any event not later than the 75th calendar day after such date.

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

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

4.14 Corporate Existence. So long as any Note remains outstanding, the Company shall not directly or indirectly consummate any merger, reorganization, restructuring, consolidation, sale of all or substantially all of the Company's assets or any similar transaction or related transactions (each such transaction, an "Organizational Change") unless, prior to the consummation of an Organizational Change, the Company obtains the written consent of each Purchaser, which consent shall not be unreasonably withheld, conditioned, or delayed. In any such case, the Company will make appropriate provision with respect to such holders' rights and interests to ensure that the provisions of this Section 4.14 will thereafter be applicable to the Notes. For the avoidance of doubt, the proposed redomicile of the Company to Delaware shall not be deemed to constitute an Organizational Change.

4.15 Transfer Agent. The Company covenants and agrees that it will at all times while any Note or Warrant remains outstanding maintain a duly qualified independent transfer agent.

4.16 No Short Selling. Each Purchaser has and shall not, directly or indirectly, itself, through related parties, affiliates or otherwise, (i) sell "short" or "short against the box" (as those terms are generally understood) any equity security of the Company or (ii) otherwise engage in any transaction that involves hedging of such Purchaser's position in any equity security of the Company, until the later of (i) the date the Note owned by such Purchaser is no longer owned by such Purchaser, or (ii) the Maturity Date (as such term is defined in the Notes) and the date of a conversion under the Notes.

4.17 Shareholder Approval. If it is required in order to permit the conversion of the Notes or the exercise of the Warrants (or any other securities that may be issued under or in connection with the Transaction Documents or the transactions contemplated hereby and thereby) issued pursuant to this Agreement into shares of Common Stock in accordance with applicable listing rules or any shareholder approval requirement of the Company's principal Trading Market (the "Shareholder Approval"), the Company shall (i) hold a special meeting of shareholders (which may also be at the annual meeting of shareholders) as soon as reasonably practicable for the purpose of obtaining Shareholder Approval, with the recommendation of the Company's Board of Directors that such proposal be approved, and the Company shall solicit proxies from its shareholders in connection therewith in the same manner as all other management proposals in such proxy statement and all management-appointed proxyholders shall vote their proxies in favor of such proposal and (ii) file a definitive proxy statement (the "Proxy Statement") in connection with the foregoing as soon as reasonably practicable; provided however, that the obligations of the Company under clauses (i) and (ii) are subject to the Commission's review of the Proxy Statement and the Company shall not be deemed to be in violation of this Section 4.17 if it responds to the Commission's comments on the Proxy Statement, if any, in a timely manner. If the Company does not obtain Shareholder Approval at the first special meeting, the Company shall call a meeting every three months thereafter to seek Shareholder Approval until the earlier of the date Shareholder Approval is obtained or the Notes and the Warrants are no longer outstanding.

4.18 Registration Rights Agreement. The Company shall file a registration statement with the Commission (the “Registration Statement”) covering the Registrable Securities (as defined in the Registration Rights Agreement) in accordance with the Registration Rights Agreement and maintain the effectiveness of such registration statement from the effective date of the registration statement until all Registrable Securities have been sold in accordance with the Registration Rights Agreement.

4.19 DTC Program. At all times that any Note or Warrant is outstanding, the Company shall employ as the transfer agent for its Common Stock, Conversion Shares and Warrant Shares a participant in the Depository Trust Company Automated Securities Transfer Program and cause the Common Stock, Conversion Shares and Warrant Shares to be transferable pursuant to such program.

4.20 Restriction on Future Issuances. The Company will not, from the date of this Agreement through the date that is ninety (90) days after the effective date of the Registration Statement (the “Lock-Up Period”), (a) offer, pledge, announce the intention to sell, sell, contract to sell, sell any option or contract to purchase, purchase any option or contract to sell, grant any option, right or warrant (other than up to an aggregate of 10,000,000 shares of Common Stock to NFS in connection with any future lease between NFS and the Company) to purchase or otherwise transfer or dispose of, directly or indirectly, any shares of Common Stock or any Common Stock Equivalents or (b) enter into any swap or other agreement that transfers, in whole or in part, any of the economic consequences of ownership of the Common Stock, whether any such transaction described in clause (a) or (b) above is to be settled by delivery of Common Stock or Common Stock Equivalents, in cash or otherwise, except for (x) grants of options, shares of Common Stock and other awards to purchase or receive shares of Common Stock under the Company’s equity incentive plans that are in effect as of or prior to the date hereof or (y) issuances of shares of Common Stock upon the exercise or conversion of Common Stock Equivalents outstanding as of the date of this Agreement in accordance with the terms of such Common Stock Equivalents in effect on the date hereof or upon the exercise of options or other awards granted under the Company’s equity incentive plans. The Company agrees not to accelerate the vesting of any option or warrant or the lapse of any repurchase right prior to the expiration of the Lock-Up Period. The Company has caused to be delivered to the Placement Agent prior to the date of this Agreement a letter, in the form of Exhibit G hereto (the “Lock-Up Agreement”), from each of the Company’s directors and officers and holders of 5% or more of the outstanding shares of Common Stock. The Company will enforce the terms of each Lock-Up Agreement and issue stop-transfer instructions to the Transfer Agent for the Common Stock with respect to any transaction or contemplated transaction that would constitute a breach of or default under the applicable Lock-Up Agreement.

4.21 Indebtedness. For so long as any Note is outstanding, the Company will not incur any Indebtedness other than Permitted Indebtedness (as such term is defined in the Notes), without the consent of the holders of at least a majority of the aggregate amount of Securities issued hereunder.



4.22 Most Favored Nation Provision. From the date hereof and for so long as a Purchaser holds any Securities, in the event that the Company issues or sells any Common Stock or Common Stock Equivalents, if a Purchaser then holding outstanding Securities reasonably believes that any of the terms and conditions appurtenant to such issuance or sale are more favorable to such investors than are the terms and conditions granted to the Purchasers hereunder, upon notice to the Company by such Purchaser within five (5) Trading Days after disclosure of such issuance or sale, the Company shall amend the terms of the Transaction Documents as to such Purchaser only so as to give such Purchaser the benefit of such more favorable terms or conditions. This Section 4.22 shall not apply with respect to an Exempt Issuance or the price of any such Common Stock or Common Stock Equivalents. The Company shall provide the Purchasers with notice of any such issuance or sale not later than ten (10) Trading Days before such issuance or sale.

## ARTICLE V MISCELLANEOUS

5.1 Fees and Expenses. Except as expressly set forth in the Transaction Documents to the contrary, each party hereto shall pay the fees and expenses of its advisers, counsel, accountants and other experts, if any, and all other expenses incurred by such party incident to the negotiation, preparation, execution, delivery and performance of this Agreement. The Company shall pay all Transfer Agent fees, stamp taxes and other taxes and duties levied in connection with the delivery of any Securities to the Purchasers.

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

5.3 Notices. All notices, demands, requests, consents, approvals, and other communications required or permitted hereunder shall be in writing and, unless otherwise specified herein, shall be (i) personally served, (ii) deposited in the mail, registered or certified, return receipt requested, postage prepaid, (iii) delivered by reputable air courier service with charges prepaid, or (iv) transmitted by hand delivery, telegram, or facsimile, addressed as set forth below or to such other address as such party shall have specified most recently by written notice. Any notice or other communication required or permitted to be given hereunder shall be deemed effective (a) upon hand delivery or delivery by facsimile, with accurate confirmation generated by the transmitting facsimile machine, at the address or number designated below (if delivered on a Business Day during normal business hours where such notice is to be received), or the first Business Day following such delivery (if delivered other than on a Business Day during normal business hours where such notice is to be received) or (b) on the second Business Day following the date of mailing by express courier service, fully prepaid, addressed to such address, or upon actual receipt of such mailing, whichever shall first occur. The addresses for such communications shall be: (i) if to the Company, to: SANUWAVE Health, Inc., 11495 Valley View Road, Eden Prairie, MN 55344, Attn: Kevin Richardson, email: kevin.richardson@sanuwave.com, and (ii) if to a Purchaser, to the address and fax number indicated on the applicable signature page hereto.

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



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

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

5.7 No Third-Party Beneficiaries. This Agreement is intended for the benefit of the parties hereto and their respective successors and permitted assigns and is not for the benefit of, nor may any provision hereof be enforced by, any other Person, except as otherwise set forth in Section 4.11.

5.8 Governing Law. All questions concerning the construction, validity, enforcement and interpretation of the Transaction Documents shall be governed by and construed and enforced in accordance with the internal laws of the State of New York, without regard to the principles of conflicts of law thereof. Each party hereto agrees that all legal Proceedings concerning the interpretations, enforcement and defense of the transactions contemplated by this Agreement and any other Transaction Documents (whether brought against a party hereto or its respective affiliates, directors, officers, shareholders, partners, members, employees or agents) shall be commenced exclusively in the state and federal courts sitting in the City of New York. Each party hereto hereby irrevocably submits to the exclusive jurisdiction of the state and federal courts sitting in the City of New York, Borough of Manhattan for the adjudication of any dispute hereunder or in connection herewith or with any transaction contemplated hereby or discussed herein (including with respect to the enforcement of any of the Transaction Documents), and hereby irrevocably waives, and agrees not to assert in any Proceeding, any claim that it is not personally subject to the jurisdiction of any such court, that such Proceeding is improper or is an inconvenient venue for such Proceeding. Each party hereto hereby irrevocably waives personal service of process and consents to process being served in any such Proceeding by mailing a copy thereof via registered or certified mail or overnight delivery (with evidence of delivery) to such party at the address in effect for notices to it under this Agreement and agrees that such service shall constitute good and sufficient service of process and notice thereof. Nothing contained herein shall be deemed to limit in any way any right to serve process in any other manner permitted by law. If any party hereto shall commence a Proceeding to enforce any provisions of the Transaction Documents, then, in addition to the obligations of the Company under Section 4.11, the prevailing party in such Proceeding shall be reimbursed by the other party for its reasonable and documented out-of-pocket attorneys' fees and other reasonable and documented out-of-pocket costs and expenses incurred with the investigation, preparation and prosecution of such Proceeding.

5.9 Survival. The representations and warranties shall survive the Closing and the delivery of the Securities until, with respect to each Purchaser, the Note held by such Purchaser has been paid in full or converted into Conversion Shares, and no Warrants are held by such Purchaser, at which time they shall expire such respect to such Purchaser and shall no longer be of any force or effect.

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

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

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

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

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

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

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

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

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

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

*(Signature Pages Follow)*

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

**SANUWAVE HEALTH, INC.**

By: \_\_\_\_\_

Name: Kevin A. Richardson II

Title: CEO

Address for Notice:

11495 Valley View Road  
Eden Prairie, MN 55344

[REMAINDER OF PAGE INTENTIONALLY LEFT BLANK

SIGNATURE PAGE FOR PURCHASER FOLLOWS]

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PURCHASER SIGNATURE PAGES TO SANUWAVE HEALTH, INC. SECURITIES PURCHASE AGREEMENT

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

Name of Purchaser: [ \_\_\_\_\_ ]

*Signature of Authorized Signatory of Purchaser:*

Name of Authorized Signatory: \_\_\_\_\_

Title of Authorized Signatory: \_\_\_\_\_

Email Address of Authorized Signatory: \_\_\_\_\_

Address for Notice to Purchaser:

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

Subscription Amount: Up to \$[●]

Principal Amount of Note: Up to \$[●]

Warrant Shares: [●]

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

[SIGNATURE PAGES CONTINUE]

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**CLOSING STATEMENT**

Pursuant to the attached Securities Purchase Agreement, dated as of the date hereto, the purchasers shall purchase up to \$[●] of Securities from SANUWAVE Health, Inc., a corporation organized under the laws of Nevada (the “Company”). All funds will be wired into an account maintained by the Company. All funds will be disbursed in accordance with this Closing Statement.

**Disbursement Date:** August 5, 2022

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**I. PURCHASE PRICE**

**Gross Proceeds to be Received of First Disbursement** \$[●]

**II. DISBURSEMENTS**

Legal and Due Diligence Fee

**Total Amount Disbursed:**

**WIRE INSTRUCTIONS:**

Please see attached.

Acknowledged and agreed to  
this 5th day of August 2022

**SANUWAVE HEALTH, INC.**

By: \_\_\_\_\_  
Name:  
Title:

**EXHIBIT A**

**Form of Future Advance Convertible Promissory Note**

[See attached]

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**EXHIBIT B**

**Form of Registration Rights Agreement**

[See attached]

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**EXHIBIT C**

**Form of Warrants**

[See attached]

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**EXHIBIT D**

**Form of Security Agreement**

[See attached]

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**EXHIBIT E**

**Form of Subordination Agreement**

[See attached]

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**EXHIBIT F**

**Transfer Agent Instructions**

[See attached]

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**EXHIBIT G**

**Form of Lock-Up Agreement**

[See attached]

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**EXHIBIT H**

**Side Letter**

[See attached]

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**EXHIBIT I**

**Confidential Accredited Investor Questionnaire**

[See attached]

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**SUBORDINATION AGREEMENT**

This **SUBORDINATION AGREEMENT**, dated as of August 5, 2022, is between **NH EXPANSION CREDIT FUND HOLDINGS LP** (“*North Haven Expansion*”), as agent for the Holders (as hereafter defined; in such capacity, together with its successors or permitted assigns, “*Agent*”), and the creditors set forth on the signature pages hereto (“*Creditors*”).

**R E C I T A L S**

**A.** **SANUWAVE HEALTH, INC.**, a Nevada corporation (“*Issuer*”), has requested and/or obtained certain credit accommodations from the Holders under, and as defined in, that certain Note and Warrant Purchase and Security Agreement dated as of August 6, 2020 (as amended, restated, supplemented or otherwise modified from time to time) by and among Agent, Issuer and the Holders from time to time signatory thereto (the “*NH Agreement*”), including North Haven Expansion in its capacity as a Holder (each, a “*Holder*” and collectively, the “*Holders*”), which credit accommodations are or may be from time to time secured by assets and property of Issuer.

**B.** Creditors are the holders of Future Advance Convertible Promissory Notes dated August 5, 2022 in the aggregate original principal amount of \$[●] (the “*Convertible Notes*”).

**C.** In order to induce each Holder to extend credit to Issuer and, at any time or from time to time, at each Holder’s option, to make such further loans, extensions of credit, or other accommodations to or for the account of Issuer, or to extend credit upon any instrument or writing in respect of which Issuer may be liable in any capacity, or to grant such renewals or extension of any such loan, extension of credit, or other accommodation as any Holder may deem advisable, Creditors are willing to subordinate: (i) all of Issuer’s indebtedness and obligations to Creditors pursuant to the Convertible Notes, whether presently existing or arising in the future (the “*Subordinated Debt*”) to all of Issuer’s indebtedness and obligations to Agent, for the ratable benefit of each Holder; and (ii) all of Creditors’ security interests, if any, to all of Agent’s (for the ratable benefit of each Holder’s) security interests in the property of Issuer. Notwithstanding the foregoing, Subordinated Debt shall not include any equity interests of the Issuer into which the Subordinated Debt may be converted.

**NOW, THEREFORE, THE PARTIES AGREE AS FOLLOWS:**

**1.** Creditors acknowledge and agree that the Subordinated Debt is unsecured and that Creditors do not now have, and shall not assert at any time in the future, any lien, security interest or other encumbrance with respect to any assets of Issuer. Notwithstanding the foregoing, Creditors subordinate to Agent, for the ratable benefit of each Holder, any security interest or lien that Creditors may have in any property of Issuer. Notwithstanding the respective dates of attachment or perfection of the security interest of Creditors and the security interest of Agent, the security interest of Agent in the accounts, including health care receivables, chattel paper, general intangibles, inventory, equipment, instruments, including promissory notes, deposit accounts, investment property, documents, letter of credit rights, any commercial tort claim of Issuer which is now or hereafter identified by Issuer or Agent (or any Holder), and all other property of the Issuer (collectively, the “*Collateral*”) shall at all times be prior to the security interest of Creditors.

**2.** All Subordinated Debt is subordinated in right of payment to all obligations of Issuer to Agent and each Holder now existing or hereafter arising, together with all costs of collecting such obligations (including attorneys’ fees), including, without limitation, all interest accruing after the commencement by or against Issuer of any bankruptcy, reorganization or similar proceeding (the “*Senior Debt*”).

**3.**



(a) Creditors will not demand or receive from Issuer (and Issuer will not pay to Creditors) all or any part of the Subordinated Debt, by way of payment, prepayment, setoff, lawsuit or otherwise, nor will Creditors exercise any remedy with respect to the Collateral or any other collateral securing the Subordinated Debt, nor will Creditors accelerate the Subordinated Debt, or commence, or cause to commence, prosecute or participate in any administrative, legal or equitable action against Issuer, until such time as all the Senior Debt is fully paid in cash, and all of Agent's and each Holder's obligations owing to Issuer have been terminated. The foregoing notwithstanding, Creditors shall be entitled to receive payment of all amounts that constitute Subordinated Debt, in whole but not in part, solely from the proceeds of a substantially contemporaneous equity financing by Issuer, *provided that* a Potential Default or an Event of Default (each as defined in the NH Agreement) under the Senior Debt has not occurred and is not continuing and would not exist immediately after such payment. Nothing in the foregoing paragraph shall prohibit any Creditor from enforcing its rights in respect of the conversion all or any part of the Subordinated Debt into equity securities of Issuer in accordance with the terms of any related note or note purchase agreement.

(b) Notwithstanding anything to the contrary contained in Section 3(a) or elsewhere in this Agreement, if Agent delivers to Creditors written notice (a "**Blockage Notice**") which states that there has been a default under the documents evidencing the Senior Debt (the "**Senior Debt Documents**") that has not been cured then, during any Blockage Period (as defined below), Creditors shall not accept or receive any payment of any kind of or on account of the Subordinated Debt, or take any action to enforce its rights or remedies with respect to the Subordinated Debt (other than conversion of the Subordinated Debt to equity securities of the Issuer in accordance with the terms of any related note or note purchase agreement; which is expressly permitted hereunder) unless and until the earlier of (A) the time Agent notifies Creditors in writing that the default by the Issuer has been cured by the Issuer or waived by Agent, or (B) the expiration of the Blockage Period for such Blockage Notice.

As used herein, "**Blockage Period**" means a period of time beginning on the date a Blockage Notice is delivered to Creditors and terminating on the earlier to occur of:

(1) 120 calendar days following such date; provided that if prior to the expiration of such 120-calendar-day period, Agent has commenced and is diligently pursuing a judicial proceeding or non-judicial actions to collect or enforce the Senior Debt or foreclose on any collateral for the Senior Debt, or a case or proceeding by or against Issuer is commenced under the United States Bankruptcy Code or any other insolvency law, then such period shall be extended during the continuation of such proceedings and actions until the payment in cash in full of the Senior Debt; or

(2) the written consent of Agent to such termination.

provided that, in no event shall any payment in cash be made to or received by any Creditor before 91 calendar days after the Maturity Date under (and as defined in) the Senior Debt Documents.

4. Each Creditor shall promptly deliver to Agent in the form received (except for endorsement or assignment by a Creditor where required by Agent) for application to the Senior Debt any payment, distribution, security or proceeds received by such Creditor with respect to the Subordinated Debt other than in accordance with this Agreement.

5. In the event of Issuer's insolvency, reorganization or any case or proceeding under any bankruptcy or insolvency law or laws relating to the relief of debtors, these provisions shall remain in full force and effect, and Agent's and each Holder's claims against Issuer and the estate of Issuer shall be paid in full before any payment is made to Creditors. For the avoidance of any doubt, Senior Debt includes, without limitation, Agent's and each Holder's claims against Issuer and the estate of Issuer arising from the granting of credit under Section 364 or the use of cash collateral under Section 363 of the United States Bankruptcy Code, and Creditors agree that they will raise no objection thereto.

6. Until the Senior Debt is fully paid in cash, and all of Agent's and each Holder's obligations owing to Issuer have been terminated, Creditors agree that they will not object to or oppose (i) the sale of the Issuer, or (ii) the sale or other disposition of any property of the Issuer or the estate of Issuer, if Agent has consented to such sale of the Issuer or sale or disposition of any property of the Issuer or the estate of Issuer. If requested by Agent, Creditors shall affirmatively consent to such sale or disposition and shall take all necessary actions and execute such documents and instruments as Agent may reasonably request in connection with and to facilitate such sale or disposition.

7. Until the Senior Debt is fully paid in cash, and all of each Holder's obligations owing to Issuer have been terminated, Creditors irrevocably appoint Agent as Creditors' attorney-in-fact, and grant to Agent a power of attorney with full power of substitution, in the name of each Creditor or in the name of Agent or any Holder, for the use and benefit of Agent and each Holder, without notice to Creditors, to perform at Agent's or such Holder's option the following acts in any bankruptcy, insolvency or similar proceeding involving Issuer: (i) to file the appropriate claim or claims in respect of the Subordinated Debt on behalf of Creditors if Creditors do not do so prior to 30 calendar days before the expiration of the time to file claims in such proceeding and if Agent elects, in its sole discretion, to file such claim or claims; and (ii) to accept or reject any plan of reorganization or arrangement on behalf of Creditors and to otherwise vote Creditors' claims in respect of any Subordinated Debt in any manner that Agent deems appropriate for the enforcement of its rights hereunder.

8. Creditors shall immediately affix a legend to the instruments evidencing the Subordinated Debt stating that the instruments are subject to the terms of this Agreement. No amendment of the documents evidencing or relating to the Subordinated Debt shall directly or indirectly modify the provisions of this Agreement in any manner which might terminate or impair the subordination of the Subordinated Debt or the subordination of the security interest or lien that Creditors may have in any property of Issuer. By way of example, such instruments shall not be amended to (i) increase the rate of interest with respect to the Subordinated Debt, or (ii) accelerate the payment of the principal or interest or any other portion of the Subordinated Debt.

9. This Agreement shall remain effective for so long as Issuer owes any amounts to Agent or any Holder. If, at any time after payment in full of the Senior Debt, any payments of the Senior Debt must be disgorged by Agent or any Holder for any reason (including, without limitation, the bankruptcy of Issuer), this Agreement and the relative rights and priorities set forth herein shall be reinstated as to all such disgorged payments as though such payments had not been made and each Creditor shall immediately pay over to Agent, for itself and for the benefit of each Holder, all payments received with respect to the Subordinated Debt to the extent that such payments would have been prohibited hereunder. At any time and from time to time, without notice to Creditors, Agent and each Holder may take such actions with respect to the Senior Debt and the Collateral as Agent and/or such Holder, in its sole discretion, may deem appropriate, including, without limitation, terminating advances to Issuer, increasing the principal amount, extending the time of payment, increasing applicable interest rates, renewing, compromising or otherwise amending the terms of any documents affecting the Senior Debt and any Collateral, judicial foreclosure, nonjudicial foreclosure, exercise of a power of sale, taking a deed, assignment or transfer in lieu of foreclosure as to any of the Collateral, and enforcing or failing to enforce any rights against Issuer or any other person. No such action or inaction shall impair or otherwise affect Agent's or any Holder's rights hereunder. Creditors agree not to assert against Agent or any Holder (a) any rights which a guarantor or surety could exercise; but nothing in this Agreement shall constitute any Creditor a guarantor or surety; (b) the right, if any, to require Agent or any Holder to marshal or otherwise require Agent or any Holder to proceed to dispose of or foreclose upon any of the Collateral in any manner or order; and (c) any right of subrogation, contribution, reimbursement, or indemnity which it may have against Issuer arising directly or indirectly out of this Agreement.

10. This Agreement shall bind any successors or assignees of each Creditor and shall benefit any successors or assigns of Agent and each Holder. This Agreement is solely for the benefit of Creditors, Agent and each Holder and not for the benefit of Issuer or any other party. Creditors further agree that if Issuer is in the process of refinancing a portion of the Senior Debt with a new lender, and if Agent or any Holder makes a request of Creditors, Creditors shall agree to enter into a new subordination agreement with the new lender on substantially the terms and conditions of this Agreement.

11. This Agreement may be executed in two or more counterparts, each of which shall be deemed an original and all of which together shall constitute one instrument.

12. CHOICE OF LAW AND VENUE; JURY TRIAL WAIVER

New York law governs this Agreement without regard to principles of conflicts of law. Creditors, Agent and each Holder each submit to the exclusive jurisdiction of the State and Federal courts in New York County, City of New York, New York; provided, however, that nothing in this Agreement shall be deemed to operate to preclude Agent or any Holder from bringing suit or taking other legal action in any other jurisdiction to realize on the Collateral or any other security for the Obligations (as defined in the NH Agreement), or to enforce a judgment or other court order in favor of Agent and/or any Holder. Issuer and each Creditor each expressly submits and consents in advance to such jurisdiction in any action or suit commenced in any such court, and Issuer and each Creditor each hereby waives any objection that it may have based upon lack of personal jurisdiction, improper venue, or forum non conveniens and hereby consents to the granting of such legal or equitable relief as is deemed appropriate by such court.

**TO THE FULLEST EXTENT PERMITTED BY APPLICABLE LAW, EACH CREDITOR, ISSUER, AGENT AND EACH HOLDER EACH WAIVE THEIR RIGHT TO A JURY TRIAL OF ANY CLAIM OR CAUSE OF ACTION ARISING OUT OF OR BASED UPON THIS AGREEMENT OR ANY CONTEMPLATED TRANSACTION, INCLUDING CONTRACT, TORT, BREACH OF DUTY AND ALL OTHER CLAIMS. THIS WAIVER IS A MATERIAL INDUCEMENT FOR THE PARTIES TO ENTER INTO THIS AGREEMENT. NOTWITHSTANDING ANYTHING TO THE CONTRARY CONTAINED IN THIS AGREEMENT OR ANYWHERE ELSE, EACH CREDITOR AND ISSUER EACH AGREES THAT IT SHALL NOT SEEK FROM AGENT OR ANY HOLDER UNDER ANY THEORY OF LIABILITY (INCLUDING ANY THEORY IN TORTS), ANY SPECIAL, INDIRECT, CONSEQUENTIAL OR PUNITIVE DAMAGES. EACH PARTY HAS REVIEWED THIS WAIVER WITH ITS COUNSEL.**

13. This Agreement represents the entire agreement with respect to the subject matter hereof, and supersedes all prior negotiations, agreements and commitments. Creditors are not relying on any representations by Agent or any Holder or Issuer in entering into this Agreement, and Creditors have kept and will continue to keep themselves fully apprised of the financial and other condition of Issuer. This Agreement may be amended only by written instrument signed by each Creditor and Agent.

14. In the event of any legal action to enforce the rights of a party under this Agreement, the party prevailing in such action shall be entitled, in addition to such other relief as may be granted, all reasonable costs and expenses, including reasonable attorneys' fees, incurred in such action.

*[Balance of Page Intentionally Left Blank]*

IN WITNESS WHEREOF, the undersigned have executed this Agreement as of the date first above written.

**CREDITOR:**

[•]

By: \_\_\_\_\_

Name: \_\_\_\_\_

Title: \_\_\_\_\_

Address for Notices:

\_\_\_\_\_

\_\_\_\_\_

Attn: \_\_\_\_\_

*[Signature Page to Subordination Agreement]*

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IN WITNESS WHEREOF, the undersigned have executed this Agreement as of the date first above written.

**AGENT:**

NH EXPANSION CREDIT FUND HOLDINGS LP

By: MS Expansion Credit GP, L.P.  
Its: General Partner

By: MS Expansion Credit GP Inc.  
Its: General Partner

By: \_\_\_\_\_  
Name: William Reiland  
Title: Managing Director

Address for Notice:  
1585 Broadway, 39<sup>th</sup> Floor  
New York, NY 10036  
Attn: Debra Abramovitz  
Expansion\_credit\_reporting@morganstanley.com

with a copy to:

1585 Broadway, 37<sup>th</sup> Floor  
New York, NY 10036  
Attn: William Reiland

and

555 California Street, 14<sup>th</sup> Floor  
San Francisco, CA 94104  
Attn: Melissa Daniels

with a copy, not constituting notice, to:

Barnes & Thornburg LLP  
655 W. Broadway, Suite 1300  
San Diego, CA 92101  
Attn: Troy Zander

*[Signature Page to Subordination Agreement]*

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IN WITNESS WHEREOF, the undersigned approves of the terms of this Agreement.

**ISSUER:**

SANUWAVE HEALTH, INC.

By: \_\_\_\_\_

Name: Kevin A. Richardson II  
Title: Chief Executive Officer

Address for Notices:

SANUWAVE HEALTH, INC.  
11495 Valley View Road  
Eden Prairie, MN 55344  
Attn: Kevin A. Richardson, Chief Executive Officer  
Email: [kevin.richardson@sanuwave.com](mailto:kevin.richardson@sanuwave.com)

with a copy, not constituting notice, to:

Morrison & Foerster LLP  
425 Market Street  
San Francisco, CA 94105  
Attention: Murray Indick  
Email: [MIndick@mofocom](mailto:MIndick@mofocom)

*[Signature Page to Subordination Agreement]*

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SECURITY AGREEMENT

THIS SECURITY AGREEMENT dated as of August 5, 2022 (this “**Agreement**”), is made by SANUWAVE Health, Inc., a corporation organized under the laws of Nevada (the “**Borrower**”), having an address of 11495 Valley View Road, Eden Prairie, MN 55344, in favor of the lenders set forth on the signature pages hereto (together with their successors and permitted assigns, the “**Lenders**”).

WITNESSETH:

WHEREAS, the Borrower is indebted to Lenders pursuant to Future Advance Convertible Promissory Notes, dated as of August 5, 2022, in the aggregate principal amount of \$[●] (together with any and all extensions, renewals, or modifications thereof, the “**Notes**”), executed by the Borrower in favor of the Lenders;

WHEREAS, the Notes evidence a loan (the “**Loan**”) being made by the Lenders to the Borrower pursuant to a securities purchase agreement (together with any and all amendments or modifications thereof, the “**Purchase Agreement**”) between the Borrower and the Lenders dated as of August 5, 2022; and

WHEREAS, the Borrower desires to secure its obligations under the Notes by granting the Lenders a security interest pursuant to this Agreement.

NOW, THEREFORE, in consideration of the promises contained in this Agreement and for other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the parties to this Agreement agree as follows:

1. **Definitions.** In addition to the terms defined elsewhere in this Agreement, capitalized terms that are not otherwise defined herein have the meanings given to such terms in the Notes.

2. **Grant of Security Interest.** As security for the full and punctual payment of the Principal amount (including amounts representing accrued Interest on the Notes) when due and payable (whether upon stated maturity or otherwise), the Borrower does hereby pledge, assign, transfer and deliver to the Lenders a continuing and unconditional security interest in and to any and all property of the Borrower, of any kind or description, tangible or intangible, wheresoever located and whether now existing or hereafter arising or acquired, including but not limited to, all of the following (all of which property, along with the products and proceeds therefrom, are individually and collectively referred to as the “**Collateral**”):

(a) All goods (and embedded computer programs and supporting information included within the definition of “goods” under the Uniform Commercial Code as adopted and in effect in the State of New York, as amended from time to time (the “**Code**”)) and equipment now owned or hereafter acquired, including, without limitation, all laboratory equipment, computer equipment, office equipment, machinery, fixtures, vehicles (including motor vehicles and trailers), and any interest in any of the foregoing, and all attachments, accessories, accessions, replacements, substitutions, additions, and improvements to any of the foregoing, wherever located;

(b) All inventory now owned or hereafter acquired, including, without limitation, all merchandise, raw materials, parts, supplies, packing and shipping materials, work in process and finished products including such inventory as is temporarily out of the Borrower’s custody or possession or in transit and including any returns upon any accounts or other proceeds, including insurance proceeds, resulting from the sale or disposition of any of the foregoing and any documents of title representing any of the above, and the Borrower’s books relating to any of the foregoing;

(c) All contract rights and general intangibles, including intellectual property, now owned or hereafter acquired, including, without limitation, goodwill, license agreements, franchise agreements, blueprints, drawings, purchase orders, customer lists, route lists, infringements, claims, software, computer programs, computer disks, computer tapes, literature, reports, catalogs, design rights, income tax refunds, payment intangibles, commercial tort claims, payments of insurance and rights to payment of any kind;

(d) All now existing and hereafter arising accounts, contract rights, royalties, license rights, license fees and all other forms of obligations owing to the Borrower arising out of the sale or lease of goods, the licensing of technology or the rendering of services by the Borrower (subject, in each case, to the contractual rights of third parties to require funds received by the Borrower to be expended in a particular manner), whether or not earned by performance, and any and all credit insurance, guaranties, and other security therefor, as well as all merchandise returned to or reclaimed by the Borrower and the Borrower's books relating to any of the foregoing;

(e) All documents, cash, deposit accounts, letters of credit (whether or not the letter of credit is evidenced by a writing), certificates of deposit, instruments, promissory notes, chattel paper (whether tangible or electronic) and investment property, including, without limitation, all securities, whether certificated or uncertificated, security entitlements, securities accounts, commodity contracts and commodity accounts, and all financial assets held in any securities account or otherwise, wherever located, now owned or hereafter acquired and the Borrower's books relating to the foregoing; and

(f) Any and all claims, rights and interests in any of the above and all substitutions for, additions and accessions to and proceeds thereof, including, without limitation, insurance, condemnation, requisition or similar payments and proceeds of the sale or licensing of intellectual property;

provided, that notwithstanding anything herein to the contrary, the Collateral shall not include (i) any title to or interest in that certain Master Equipment Lease (as amended, restated, amended and restated, supplemented or otherwise modified from time to time, the "**Master Lease**"), or any equipment lease schedule executed by the Borrower from time to time pursuant to the Master Lease (each, a "**Schedule**"), and the personal property described in each Schedule, together with all replacements, parts, repairs, additions, attachments and accessories incorporated therein, and (ii) now existing and hereafter arising accounts owing to the Borrower.

3. Indebtedness Secured. This Agreement and the security interests granted herein secure the following obligations (collectively, the "**Obligations**"): (a) the obligations of the Borrower to the Lenders under the Notes; (b) the obligations of the Borrower to the Lenders under the Purchase Agreement; (c) any and all advances or expenditures made by the Lenders pursuant to the terms of this Agreement; (d) attorneys' fees, court costs, and other amounts which may be due under the Notes, Purchase Agreement or this Agreement; and (e) any and all other indebtedness of the Borrower to the Lenders, now existing or hereafter arising, of whatever class or nature, individually or collectively, whether direct or indirect, joint or several, absolute or contingent, due or to become due, and whether or not now contemplated by the parties, including future advances; and any and all extensions, renewals, and modifications of any of the foregoing.



4. Authorization To File Financing Statements. The Borrower hereby irrevocably authorizes the Lenders at any time and from time to time to file in any filing office in any Uniform Commercial Code jurisdiction any initial financing statements and amendments to this Agreement that: (a) indicate the Collateral, and (b) provide any other information required by part 5 of Article 9 of the Code or the Uniform Commercial Code of such other jurisdiction for the sufficiency or filing office acceptance of any financing statement or amendment, including whether the Borrower is an organization, the type of organization and any organizational identification number issued to the Borrower.

5. Relation to Other Security Documents. The provisions of this Agreement supplement and are cumulative with, and not in lieu of, the provisions of any and all other security agreements, mortgages, assignments, and other security documents executed by the Borrower or any third party in favor of the Lenders as security for the Obligations; provided that the Borrower will (i) provide a list of all other secured lenders (“**Other Lenders**”) and (ii) obtain an intercreditor agreement from each Other Lender (with the exception of (x) NH Expansion Credit Fund Holdings LP and (y) with respect to assets owned by NFS Leasing, Inc., a Massachusetts corporation, and leased to the Borrower) that the Lenders’ security interest is *pari passu* to their security interest with respect to seniority. For the avoidance of doubt, the Borrower and the Lenders acknowledge that the rights and obligations of the parties hereto are subject to the Subordination Agreement, dated as of August 5, 2022, between the Lenders and NH Expansion Credit Fund Holdings LP.

6. Representations and Warranties Concerning Borrower’s Legal Status. The Borrower hereby represents and warrants to the Lenders as follows: (a) the Borrower’s exact legal name is that indicated in this Agreement and on the signature page hereof, (b) the Borrower is an organization of the type, and is organized in the jurisdiction, set forth above in this Agreement, and (c) the Borrower’s place of business and mailing address is the address set forth above.

7. Covenants Concerning Borrower’s Legal Status. The Borrower covenants with the Lenders as follows: (a) without providing written notice within ten (10) calendar days thereof to the Lenders, the Borrower will not change its name, its place of business or, if more than one, chief executive office, or its mailing address or organizational identification number if it has one, (b) if the Borrower does not have an organizational identification number and later obtains one, the Borrower will forthwith notify the Lenders of such organizational identification number, and (c) the Borrower will not change its type of organization, jurisdiction of organization, or other legal structure.

8. Covenants Concerning Collateral, etc. The Borrower further covenants with the Lenders as follows: (a) [reserved], (b) except for Permitted Liens, the Borrower shall be the owner of the Collateral free from any right or claim of any other person or any lien, security interest or other encumbrance, and the Borrower shall defend the same against all claims and demands of all persons at any time claiming the same or any interests in this Agreement adverse to the Lenders, (c) the Borrower shall not pledge, mortgage or create, or suffer to exist any right of any person in or claim by any person to the Collateral, or any security interest, lien or other encumbrance in the Collateral in favor of any person, other than the Lenders, (d) the Borrower will permit the Lenders, or their designee, to inspect the Collateral at any reasonable time, (e) the Borrower will pay promptly or cause to be paid when due all taxes, assessments, governmental charges and levies upon the Collateral or incurred in connection with the use or operation of such Collateral or incurred in connection with this Agreement (not including those taxes, assessments, charges or levies which are being diligently contested in good faith and by appropriate proceedings, and such contest operates to suspend collection of such contested taxes, assessments, charges and levies) and (f) no transfer or license to any intellectual property will be made without the Lenders’ prior written consent.

9. Insurance. The Borrower will maintain or cause to be maintained insurance with respect to the Collateral pursuant to the terms of the Notes.

10. Collateral Protection Expenses; Preservation of Collateral.

(a) Expenses Incurred by a Lender. In any Lender's discretion, if the Borrower fails to do so, a Lender may discharge taxes and other encumbrances at any time levied or placed on any of the Collateral, make repairs under this Agreement and pay any necessary filing fees or insurance premiums. The Borrower agrees to reimburse such Lender on demand for all expenditures so made. No Lender shall have any obligation to the Borrower to make any such expenditures, nor shall the making of such expenditures be construed as a waiver or cure any Event of Default.

(b) Lenders' Obligations and Duties. Anything in this Agreement to the contrary notwithstanding, the Borrower shall remain obligated and liable under each contract or agreement comprised in the Collateral to be observed or performed by the Borrower thereunder. The Lenders shall not have any obligation or liability under any such contract or agreement by reason of or arising out of this Agreement or the receipt by a Lender of any payment relating to any of the Collateral, nor shall the Lenders be obligated in any manner to perform any of the obligations of the Borrower under any such contract or agreement, to make inquiry as to the nature or sufficiency of any payment received by a Lender in respect of the Collateral or as to the sufficiency of any performance by any party under any such contract or agreement, to present or file any claim, to take any action to enforce any performance or to collect the payment of any amounts which may have been assigned to a Lender or to which a Lender may be entitled at any time or times.

11. Rights and Remedies. If an Event of Default shall have occurred and be continuing, the Lenders, without any other notice to or demand upon the Borrower, shall have in any jurisdiction in which enforcement hereof is sought, in addition to all other rights and remedies, the rights and remedies of a secured party under the Code and any additional rights and remedies as may be provided to a secured party in any jurisdiction in which Collateral is located, including, without limitation, the right to take possession of the Collateral, and for that purpose the Lenders may, so far as the Borrower can give authority therefor, enter upon any premises on which the Collateral may be situated and remove the same therefrom. The Lenders may in their discretion require the Borrower to assemble all or any part of the Collateral at such location or locations within the jurisdiction(s) of the Borrower's principal office(s) or at such other locations as the Lenders may reasonably designate. Unless the Collateral is perishable or threatens to decline speedily in value or is of a type customarily sold on a recognized market, the Lenders shall give to the Borrower at least five (5) Business Days' (as defined in the Purchase Agreement) prior written notice of the time and place of any public sale of Collateral or of the time after which any private sale or any other intended disposition is to be made. The Borrower hereby acknowledges that five (5) Business Days' prior written notice of such sale or sales shall be reasonable notice. In addition, the Borrower waives any and all rights that it may have to a judicial hearing in advance of the enforcement of any of the Lenders' rights and remedies hereunder, including, without limitation, its right following an Event of Default to take immediate possession of the Collateral and to exercise its rights and remedies with respect to this Agreement.

12. Standards for Exercising Rights and Remedies. To the extent that applicable law imposes duties on the Lenders to exercise remedies in a commercially reasonable manner, the Borrower acknowledges and agrees that it is not commercially unreasonable for the Lenders: (a) to fail to incur expenses reasonably deemed significant by the Lenders to prepare Collateral for disposition or otherwise to fail to complete raw material or work in process into finished goods or other finished products for disposition, (b) to fail to obtain third party consents for access to Collateral to be disposed of, or to obtain or, if not required by other law, to fail to obtain governmental or third party consents for the collection or disposition of Collateral to be collected or disposed of, (c) to advertise dispositions of Collateral through publications or media of general circulation, whether or not the Collateral is of a specialized nature, (d) to contact other persons, whether or not in the same business as the Borrower, for expressions of interest in acquiring all or any portion of the Collateral, (e) to hire one or more professional auctioneers to assist in the disposition of Collateral, whether or not the Collateral is of a specialized nature, (f) to dispose of Collateral by using Internet sites that provide for the auction of assets of the types included in the Collateral or that have the reasonable capability of doing so, or that match buyers and sellers of assets, (g) to dispose of assets in wholesale rather than retail markets, (h) to disclaim disposition warranties, or (i) to the extent deemed appropriate by the Lenders, to obtain the services of brokers, consultants, and other professionals to assist the Lenders in the collection or disposition of any of the Collateral. The Borrower acknowledges that the purpose of this Section is to provide non-exhaustive indications of what actions or omissions by the Lenders would fulfill the Lenders' duties under the Code or the Uniform Commercial Code of any other relevant jurisdiction in the Lenders' exercise of remedies against the Collateral and that other actions or omissions by the Lenders shall not be deemed to fail to fulfill such duties solely on account of not being indicated in this Section. Without limitation upon the foregoing, nothing contained in this Section shall be construed to grant any rights to the Borrower or to impose any duties on the Lenders that would not have been granted or imposed by this Agreement or by applicable law in the absence of this Section.

13. No Waiver by Lenders, etc. The Lenders shall not be deemed to have waived any of their rights and remedies in respect of the Obligations or the Collateral unless such waiver shall be in writing and signed by each Lender. No delay or omission on the part of the Lenders in exercising any right or remedy shall operate as a waiver of such right or remedy or any other right or remedy. A waiver on any one occasion shall not be construed as a bar to or waiver of any right or remedy on any future occasion. All rights and remedies of the Lenders with respect to the Obligations or the Collateral, whether evidenced hereby or by any other instrument or papers, shall be cumulative and may be exercised singularly, alternatively, successively or concurrently at such time or at such times as the Lenders deems expedient.

14. Suretyship Waivers by Borrower. The Borrower waives demand, notice, protest, notice of acceptance of this Agreement, notice of loans made, credit extended, Collateral received or delivered or other action taken in reliance hereon and all other demands and notices of any description. With respect to both the Obligations and the Collateral, the Borrower assents to any extension or postponement of the time of payment or any other indulgence, to any substitution, exchange or release of or failure to perfect any security interest in any Collateral, to the addition or release of any party or person primarily or secondarily liable, to the acceptance of partial payment thereon and the settlement, compromising or adjusting of any thereof, all in such manner and at such time or times as the Lenders may deem advisable. The Lenders shall have no duty for the collection or protection of the Collateral or any income from the Collateral, the preservation of rights against prior parties, or the preservation of any rights pertaining to this Agreement. The Borrower further waives any and all other suretyship defenses.

15. Marshalling. The Lenders shall not be required to marshal any present or future collateral security (including but not limited to the Collateral) for, or other assurances of payment of, the Obligations or any of them or to resort to such collateral security or other assurances of payment in any particular order, and all of their rights and remedies hereunder and in respect of such collateral security and other assurances of payment shall be cumulative and in addition to all other rights and remedies, however existing or arising. To the extent that it lawfully may, the Borrower hereby agrees that it will not invoke any law relating to the marshalling of collateral which might cause delay in or impede the enforcement of the Lenders' rights and remedies under this Agreement or under any other instrument creating or evidencing any of the Obligations or under which any of the Obligations is outstanding or by which any of the Obligations is secured or payment thereof is otherwise assured, and, to the extent that it lawfully may, the Borrower hereby irrevocably waives the benefits of all such laws.

16. Proceeds of Dispositions; Expenses. The Borrower shall pay to any Lender on demand any and all expenses, including reasonable attorneys' fees and disbursements, incurred or paid by such Lender in protecting, preserving, or enforcing the Lenders' rights and remedies under or in respect of any of the Obligations or any of the Collateral. After deducting all of said expenses, the residue of any proceeds of collection or sale or other disposition of Collateral shall, to the extent actually received in cash, be applied to the payment of the Obligations in such order or preference as the Lenders may determine, proper allowance and provision being made for any Obligations not then due. In the absence of final payment and satisfaction in full of all of the Obligations, the Borrower shall remain liable for any deficiency.

17. Overdue Amounts. Until paid, all amounts due and payable by the Borrower hereunder shall be a debt secured by the Collateral and shall bear, whether before or after judgment, interest at the Default Interest Rate.

18. Governing Law; Consent to Jurisdiction. THIS AGREEMENT IS INTENDED TO TAKE EFFECT AS A SEALED INSTRUMENT AND SHALL BE GOVERNED BY, AND CONSTRUED IN ACCORDANCE WITH, THE LAWS OF THE STATE OF NEW YORK. The Borrower agrees that any action or claim arising out of any dispute in connection with this Agreement, any rights or obligations hereunder or the performance or enforcement of such rights or obligations may be brought in the courts of the State of New York or any Federal court sitting in the State of New York and consents to the non-exclusive jurisdiction of such court and to service of process in any such suit being made upon the Borrower by mail at the address set forth above. The Borrower hereby waives any objection that it may now or hereafter have to the venue of any such suit or any such court or that such suit is brought in an inconvenient court.

19. Waiver of Jury Trial. THE BORROWER WAIVES ITS RIGHT TO A JURY TRIAL WITH RESPECT TO ANY ACTION OR CLAIM ARISING OUT OF ANY DISPUTE IN CONNECTION WITH THIS AGREEMENT, ANY RIGHTS OR OBLIGATIONS HEREUNDER OR THE PERFORMANCE OR ENFORCEMENT OF ANY SUCH RIGHTS OR OBLIGATIONS. Except as prohibited by law, the Borrower waives any right which it may have to claim or recover in any litigation referred to in the preceding sentence any special, exemplary, punitive or consequential damages or any damages other than, or in addition to, actual damages. The Borrower (i) certifies that no Lender nor any representative, agent or attorney of any Lender has represented, expressly or otherwise, that no Lender would, in the event of litigation, seek to enforce the foregoing waivers or other waivers contained in this Agreement and (ii) acknowledges that, in making the Loan evidenced by the Notes, the Lenders are relying upon, among other things, the waivers and certifications contained in this Section.

20. Miscellaneous. The headings of each section of this Agreement are for convenience only and shall not define or limit the provisions thereof. This Agreement and all rights and obligations hereunder shall be binding upon the Borrower and its successors and permitted assigns, and shall inure to the benefit of the Lender and its successors and permitted assigns. If any term of this Agreement shall be held to be invalid, illegal or unenforceable, the validity of all other terms hereof shall in no way be affected thereby, and this Agreement shall be construed and be enforceable as if such invalid, illegal or unenforceable term had not been included in this Agreement. The Borrower acknowledges receipt of a copy of this Agreement.

*[REMAINDER OF PAGE INTENTIONALLY LEFT BLANK]*

IN WITNESS WHEREOF, intending to be legally bound, the Borrower has caused this Agreement to be duly executed as of the date first above written.

**BORROWER:**

SANUWAVE HEALTH, INC.

By: \_\_\_\_\_

Name:

Title:

*[Signature Page to Security Agreement]*

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IN WITNESS WHEREOF, intending to be legally bound, each Lender has caused this Agreement to be duly executed as of the date first above written.

**LENDER:**

[•]

By: \_\_\_\_\_

Name: \_\_\_\_\_

Title: \_\_\_\_\_

*[Signature Page to Security Agreement]*

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**REGISTRATION RIGHTS AGREEMENT**

THIS REGISTRATION RIGHTS AGREEMENT (this “Agreement”) is made as of August 5, 2022 (the “Closing Date”), by and among SANUWAVE Health, Inc., a Nevada corporation (the “Company”), and each lender identified on the signature pages hereto (including their successors and assigns, the “Lenders,” and each, a “Lender”).

**RECITALS**

WHEREAS, the Company and the Lenders are parties to a certain Securities Purchase Agreement (the “Purchase Agreement”), dated as of the date hereof, as such may be amended and supplemented from time to time, pursuant to which the Company has issued to each Lender a certain Future Advance Convertible Promissory Note, dated as of the date hereof, as such may be amended and supplemented from time to time (the “Note”);

WHEREAS, the Company and the Lenders are parties to Common Stock Purchase Warrants (the “Warrants”) of even date herewith for the purchase of an aggregate of [●] shares of Common Stock;

WHEREAS, the Lenders’ obligations under the Purchase Agreement and the Notes are conditioned upon certain registration rights under the Securities Act of 1933, as amended (the “Securities Act”); and

WHEREAS, the Lenders and the Company desire to provide for the rights of registration under the Securities Act as are provided herein upon the execution and delivery of this Agreement by the Lenders and the Company.

NOW, THEREFORE, in consideration of the promises, covenants and conditions set forth herein, the parties hereto hereby agree as follows:

1. Registration Rights.

1.1 Definitions. Capitalized terms not otherwise defined herein shall have the meaning ascribed to them in the Purchase Agreement. As used in this Agreement, the following terms shall have the meanings set forth below:

- (a) “Business Day” means any day except Saturday, Sunday and any day which shall be a legal holiday or a day on which banking institutions in the State of New York generally are authorized or required by law or other government actions to close.
  - (b) “Commission” means the United States Securities and Exchange Commission.
  - (c) “Common Stock” means the Company’s common stock, par value \$0.001.
  - (d) “Effectiveness Date” means the 180th day following the Closing Date.
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- (e) “Exchange Act” means the Securities Exchange Act of 1934, as amended.
- (f) “Filing Date” means sixty (60) days after the Closing Date.
- (g) “Holder” or “Holders” means the holder or holders, as the case may be, from time to time of Registrable Securities.
- (h) “Person” means an individual or corporation, partnership, trust, incorporated or unincorporated association, joint venture, limited liability company, joint stock company, government (or an agency or subdivision thereof) or other entity of any kind.
- (i) The terms “register,” “registered” and “registration” refer to a registration effected by preparing and filing a registration statement or similar document in compliance with the Securities Act, and the declaration or ordering of effectiveness of such registration statement or document.
- (j) “Registrable Securities” means all of the shares of Common Stock issuable upon conversion of the Notes and exercise of the Warrants issued pursuant to the Purchase Agreement as of the effective date of the registration statement described in Section 1.2(a) below; provided, however, that Registrable Securities shall not include any securities of the Company that have previously been registered and remain subject to a currently effective registration statement or which have been sold to the public either pursuant to a registration statement or Rule 144, or which have been sold in a private transaction in which the transferor’s rights under this Section 1 are not assigned.
- (k) “Registration Statement” means any registration statement of the Company filed under the Securities Act that covers the resale of any of the Registrable Securities, including amendments and supplements to any such registration statement, including pre- and post-effective amendments, all exhibits thereto, and all material incorporated by reference or deemed to be incorporated by reference in any such registration statement.
- (l) “Rule 144” means Rule 144 as promulgated by the Commission under the Securities Act, as such rule may be amended from time to time, or any similar successor rule that may be promulgated by the Commission.
- (m) “Rule 415” means Rule 415 as promulgated by the Commission under the Securities Act, as such Rule may be amended from time to time, or any similar successor rule that may be promulgated by the Commission.



## 1.2 Company Registration.

(a) On or prior to the Filing Date, the Company shall prepare and file with the Commission a Registration Statement covering the Registrable Securities for an offering to be made on a continuous basis pursuant to Rule 415. The Registration Statement shall be on Form S-1 or, if the Company is so eligible, on Form S-3 (except if the Company is not then eligible to register for resale the Registrable Securities on Form S-1 or Form S-3, as the case may be, in which case such registration shall be on another appropriate form in accordance herewith) and shall contain (unless otherwise directed by Holders holding an aggregate of at least a majority of the Registrable Securities on a fully diluted basis) substantially the “Plan of Distribution” attached hereto as Annex A. The Company shall cause the Registration Statement to become effective and remain effective as provided herein. The Company shall use its reasonable best efforts to cause the Registration Statement to be declared effective under the Securities Act as soon as possible and, in any event, by the Effectiveness Date. The Company shall use its best efforts to keep the Registration Statement continuously effective under the Securities Act until all Registrable Securities covered by such Registration Statement have been sold or may be sold without the requirement to be in compliance with Rule 144(c)(1) and otherwise without restriction or limitation pursuant to Rule 144, as determined by the counsel to the Company (the “Effectiveness Period”).

(b) The Company shall prepare and file with the Commission such amendments, including post-effective amendments, to the Registration Statement as may be necessary to keep the Registration Statement continuously effective as to the applicable Registrable Securities for the Effectiveness Period and prepare and file with the Commission such additional Registration Statements as necessary in order to register for resale under the Securities Act all of the Registrable Securities; (ii) cause the related prospectus to be amended or supplemented by any required prospectus supplement, and as so supplemented or amended to be filed pursuant to Rule 424 (or any similar provisions then in force) promulgated under the Securities Act; (iii) respond as promptly as possible, but in no event later than twenty (20) Business Days, to any comments received from the Commission with respect to the Registration Statement or any amendment thereto and as promptly as possible provide the Holders true and complete copies of all correspondence from and to the Commission relating to the Registration Statement; (iv) file the final prospectus pursuant to Rule 424 of the Securities Act no later than two (2) Business Days following the date the Registration Statement is declared effective by the Commission; and (v) comply in all material respects with the provisions of the Securities Act and the Exchange Act with respect to the disposition of all Registrable Securities covered by the Registration Statement during the Effectiveness Period in accordance with the intended methods of disposition by the Holders thereof set forth in the Registration Statement as so amended or in such prospectus as so supplemented.

(c) If during the Effectiveness Period, the number of Registrable Securities at any time exceeds 100% of the number of shares of Common Stock then registered in the Registration Statement, the Company shall file as soon as reasonably practicable an additional Registration Statement covering the resale of not less than the number of such Registrable Securities.

(d) The Company shall bear and pay all costs and expenses incurred in connection with any registration, filing or qualification of Registrable Securities with respect to the registrations pursuant to this Agreement for each Holder, including (without limitation) all registration, filing and qualification fees, printer’s fees, accounting fees and fees and disbursements of counsel for the Company, but excluding any brokerage or underwriting fees, discounts and commissions relating to Registrable Securities and fees and disbursements of counsel for the Holders. The Company shall also pay for the services of one (1) counsel or advisor, for all Lenders, to review the Registration Statement. The Company covenants it will provide the proposed Registration Statement to Holders and their counsel at least two (2) Business Days before filing for their review and comment. The Company agrees that any such Registration Statement shall be subject to the review and reasonable comment of such counsel who shall, if requested, have a reasonable opportunity to participate in the preparation of such documents in order to facilitate the disposition of the Registrable Securities owned by such Holders.

(e) If at any time during the Effectiveness Period there is not an effective Registration Statement covering all of the Registrable Securities, then the Company shall notify each Holder in writing at least fifteen (15) days prior to the filing of any registration statement under the Securities Act, in connection with a public offering of shares of Common Stock (including, but not limited to, registration statements relating to secondary offerings of securities of the Company but excluding any registration statements (i) on Form S-4 or S-8 (or any successor or substantially similar form), or of any employee stock option, stock purchase or compensation plan or of securities issued or issuable pursuant to any such plan, or a dividend reinvestment plan, (ii) otherwise relating to any employee, benefit plan or corporate reorganization or other transactions covered by Rule 145 promulgated under the Securities Act, or (iii) on any registration form which does not permit secondary sales or does not include substantially the same information as would be required to be included in a Registration Statement. In the event a Holder desires to include in any such registration statement all or any part of the Registrable Securities held by such Holder, the Holder shall within ten (10) days after the above-described notice from the Company, so notify the Company in writing, including the number of such Registrable Securities such Holder wishes to include in such registration statement. If a Holder decides not to include all of its Registrable Securities in any registration statement thereafter filed by the Company, such Holder shall nevertheless continue to have the right to include any Registrable Securities in any subsequent registration statement or registration statements as may be filed by the Company with respect to the offering of securities, all upon the terms and conditions set forth herein.

1.3 Obligations of the Company. Whenever required under this Section 1 to effect the registration of any Registrable Securities, the Company shall, as expeditiously as reasonably possible:

(a) Prepare and file with the Commission a Registration Statement with respect to such Registrable Securities and use its best efforts to cause such Registration Statement to become effective and to keep such Registration Statement effective during the Effectiveness Period;

(b) Prepare and file with the Commission such amendments and supplements to such Registration Statement and the prospectus used in connection with such Registration Statement as may be necessary to comply with the provisions of the Securities Act with respect to the disposition of all Registrable Securities covered by such Registration Statement;

(c) Furnish to the Holders, at no cost or expense to the Holders, such numbers of copies of a prospectus, including a preliminary prospectus, in conformity with the requirements of the Securities Act, and such other documents as they may reasonably request in order to facilitate the disposition of the Registrable Securities owned by them (provided that the Company would not be required to print such prospectuses if readily available to Holders on the EDGAR filing database maintained at [www.sec.gov](http://www.sec.gov));

(d) Use its reasonable best efforts to register and qualify the Registrable Securities covered by such Registration Statement under such other securities or blue sky laws of such jurisdictions as shall be reasonably requested by a Holder; provided that the Company shall not be required in connection therewith or as a condition thereto to qualify to do business or to file a general consent to service of process in any such states or jurisdictions;

(e) In the event of any underwritten public offering, enter into and perform its obligations under an underwriting agreement, in usual and customary form, with the managing underwriter(s) of such offering (each Holder participating in such underwriting shall also enter into and perform its obligations under such an agreement);

(f) Promptly notify each Holder holding Registrable Securities covered by a Registration Statement at any time when a prospectus relating thereto is required to be delivered under the Securities Act, within one (1) Business Day, (i) of the effectiveness of such Registration Statement, or (ii) of the happening of any event as a result of which the prospectus included in such Registration Statement, as then in effect, includes an untrue statement of a material fact or omits to state a material fact required to be stated therein or necessary to make the statements therein not misleading in the light of the circumstances then existing;

(g) Cause all such Registrable Securities registered pursuant hereto to be listed on each securities exchange or nationally recognized quotation system on which similar securities issued by the Company are then listed;

(h) Provide a transfer agent and registrar for all Registrable Securities registered pursuant hereunder and a CUSIP number for all such Registrable Securities, in each case not later than the effective date of such registration;

(i) Comply in all material respects with all applicable rules and regulations of the Commission and make generally available to its security holders all documents filed or required to be filed with the Commission, including, but not limited to, earning statements satisfying the provisions of Section 11(a) of the Securities Act and Rule 158 not later than 45 days after the end of any 12-month period (or 90 days after the end of any 12-month period if such period is a fiscal year) commencing on the first day of the first fiscal quarter of the Company after the effective date of the Registration Statement, which statement shall conform to the requirements of Rule 158;

(j) If requested by the Holders of a majority in interest of the Registrable Securities, (i) promptly incorporate in a prospectus supplement or post-effective amendment to the Registration Statement such information as the Company reasonably agrees should be included therein and (ii) make all required filings of such prospectus supplement or such post-effective amendment as soon as practicable after the Company has received notification of the matters to be incorporated in such prospectus supplement or post-effective amendment;

(k) Cooperate with the Holders to facilitate the timely preparation and delivery of certificates (if such securities are certificated) representing Registrable Securities to be sold pursuant to a Registration Statement, which certificates, to the extent permitted by the Purchase Agreement and applicable federal and state securities laws, shall be free of all restrictive legends, and to enable such Registrable Securities to be in such denominations and registered in such names as specified by each Holder in connection with any sale of Registrable Securities; and

(l) If the Registration Statement refers to any Holder by name or otherwise as the holder of any securities of the Company, then such Holder shall have the right to require (if such reference to such Holder by name or otherwise is not required by the Securities Act or any similar federal statute then in force) the deletion of the reference to such Holder in any amendment or supplement to the Registration Statement filed or prepared subsequent to the time that such reference ceases to be required.

#### 1.4 Obligations of the Holders.

(a) The Company may require each selling Holder to furnish to the Company a certified statement as to the number of shares of Common Stock beneficially owned by such Holder and the natural persons thereof that have voting and dispositive control over the Registrable Securities. During any periods that the Company is unable to meet its obligations hereunder with respect to the registration of the Registrable Securities solely because any Holder fails to furnish such information within five (5) Business Days of the Company's request, any liquidated damages that are accruing at such time as to such Holder only shall be tolled and any Event that may otherwise occur solely because of such delay shall be suspended as to such Holder only until such information is delivered to the Company;

(b) Each Holder covenants and agrees that it will not sell any Registrable Securities under the Registration Statement until the Company has electronically filed the prospectus as then amended or supplemented as contemplated in Section 1.3(b); and

(c) Each Holder agrees by its acquisition of Registrable Securities that, upon receipt of a notice from the Company of the occurrence of any event of the kind described in Section 1.3(f), such Holder will forthwith discontinue disposition of such Registrable Securities under the Registration Statement until such Holder's receipt of the copies of the supplemented prospectus and/or amended Registration Statement contemplated by Section 1.3(j), or until it is advised in writing by the Company that the use of the applicable prospectus may be resumed, and, in either case, has received copies of any additional or supplemental filings that are incorporated or deemed to be incorporated by reference in such prospectus or Registration Statement.

1.5 Permitted Postponements or Suspensions. If (i) there is material non-public information regarding the Company which the Company's Board of Directors (the "Board") determines not to be in the Company's best interest to disclose and which the Company is not otherwise required to disclose, (ii) there is a significant business opportunity (including, but not limited to, the acquisition or disposition of assets (other than in the ordinary course of business) or any merger, consolidation, tender offer or other similar transaction) available to the Company which the Board determines not to be in the Company's best interest to disclose, or (iii) the Company is required to file a post-effective amendment to the Registration Statement to incorporate the Company's annual reports and audited financial statements on Forms 10-K, then the Company may (x) postpone or suspend filing of a Registration Statement for a period not to exceed thirty (30) consecutive days or (y) postpone or suspend effectiveness of a Registration Statement for a period not to exceed thirty (30) consecutive days; provided that the Company may not postpone or suspend effectiveness of a Registration Statement under this Section 1.5 for more than sixty (60) days in the aggregate during any three hundred sixty (360) day period; provided further, that no such postponement or suspension shall be permitted for consecutive thirty (30) day periods arising out of the same set of facts, circumstances or transactions.

1.6 Furnish Information. It shall be a condition precedent to the Company's obligations to take any action pursuant to this Section 1 with respect to the Registrable Securities of any selling Holder that such Holder shall furnish to the Company such information regarding such Holder, the Registrable Securities held by such Holder, and the intended method of disposition of such securities in the form attached to this Agreement as Annex B, or as otherwise reasonably required by the managing underwriters, if any, to effect the registration of such Holder's Registrable Securities.

1.7 Delay of Registration. No Holder shall have any right to obtain or seek an injunction restraining or otherwise delaying any such registration as the result of any controversy that might arise with respect to the interpretation or implementation of this Section 1.

1.8 Indemnification.

(a) To the extent permitted by law, the Company will indemnify and hold harmless each Holder, any underwriter (as defined in the Securities Act) for such Holder and each of their directors, officers, shareholders, members, partners, employees and agents (and any other Persons with a functionally equivalent role of a Person holding such titles notwithstanding a lack of such title or any other title), each Person who controls each Holder and underwriter (within the meaning of Section 15 of the Securities Act and Section 20 of the Exchange Act), and the directors, officers, shareholders, agents, members, partners or employees (and any other Persons with a functionally equivalent role of a Person holding such titles notwithstanding a lack of such title or any other title) of such controlling Person and their respective heirs, personal representatives, successors and assigns, against any losses, claims, damages or liabilities (joint or several) to which any of the foregoing Persons may become subject under the Securities Act, the Exchange Act or other federal or state securities law, insofar as such losses, claims, damages or liabilities (or actions in respect thereof), as determined by a final judgment of a court of competent jurisdiction from which no appeal may be taken, arise out of or are based upon any of the following statements, omissions or violations (collectively, a "Violation"): (i) any untrue statement or alleged untrue statement of a material fact contained in a Registration Statement, including any preliminary prospectus or final prospectus contained therein or any amendments or supplements thereto (collectively, the "Filings"), (ii) the omission or alleged omission to state in the Filings a material fact required to be stated therein, or necessary to make the statements therein not misleading, or (iii) any violation or alleged violation by the Company of the Securities Act, the Exchange Act, any state securities law or any rule or regulation promulgated under the Securities Act, the Exchange Act or any state securities law, as determined by a final judgment of a court of competent jurisdiction from which no appeal may be taken; and the Company will pay any legal or other expenses reasonably incurred by any Person to be indemnified pursuant to this Section 1.8(a) in connection with investigating or defending any such loss, claim, damage, liability or action; provided, however, that the indemnity agreement contained in this Section 1.8(a) shall not apply to amounts paid in settlement of any such loss, claim, damage, liability or action if such settlement is effected without the consent of the Company (which consent shall not be unreasonably withheld, conditioned or delayed), nor shall the Company be liable in any such case for any such loss, claim, damage, liability or action to the extent that it arises out of or is based upon a Violation that occurs in reliance upon and in conformity with written information furnished expressly for use in connection with such registration by any such Holder, underwriter or controlling Person.

(b) To the extent permitted by law, each Holder will indemnify and hold harmless the Company, each of its directors, each of its officers who has signed the Registration Statement, each Person, if any, who controls the Company within the meaning of the Securities Act or the Exchange Act, any underwriter, any other Holder selling securities in such Registration Statement and any controlling Person of any such underwriter or other Holder, against any losses, claims, damages or liabilities (joint or several) to which any of the foregoing Persons may become subject under the Securities Act, the Exchange Act or other federal or state securities law, insofar as such losses, claims, damages or liabilities (or actions in respect thereto) 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 by such Holder expressly for use in connection with such registration; and each such Holder will pay any legal or other expenses reasonably incurred by any Person to be indemnified pursuant to this Section 1.8(b) in connection with investigating or defending any such loss, claim, damage, liability or action; provided, however, that the indemnity agreement contained in this Section 1.8(b) shall not apply to amounts paid in settlement of any such loss, claim, damage, liability or action if such settlement is effected without the consent of such Holder (which consent shall not be unreasonably withheld, conditioned or delayed); provided, however, in no event shall any indemnity under this subsection 1.8(b) exceed the net proceeds received by such Holder upon the sale of the Registrable Securities giving rise to such indemnification obligation.

(c) Promptly after receipt by an indemnified party under this Section 1.8 of notice of the commencement of any action (including any governmental action), such indemnified party will, if a claim in respect thereof is to be made against any indemnifying party under this Section 1.8, 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 the defense thereof with counsel mutually satisfactory to the parties; provided, however, that an indemnified party (together with all other indemnified parties that may be represented without conflict by one counsel) shall have the right to retain one separate counsel, with the fees and expenses to be paid by the indemnifying party, if representation of such indemnified party by the counsel retained by the indemnifying party would be inappropriate due to actual or potential differing interests between such indemnified party and any other party represented by such counsel in such proceeding. The failure to deliver written notice to the indemnifying party within a reasonable time of the commencement of any such action, if materially prejudicial to its ability to defend such action, shall relieve such indemnifying party of any liability to the indemnified party under this Section 1.8, but the omission so to deliver written notice to the indemnifying party will not relieve it of any liability that it may have to any indemnified party otherwise than under this Section 1.8.

(d) If the indemnification provided for in Sections 1.8(a) and 1.8(b) is held by a court of competent jurisdiction to be unavailable to an indemnified party with respect to any loss, claim, damage or expense referred to herein, then the indemnifying party, in lieu of indemnifying such indemnified party hereunder, shall contribute to the amount paid or payable by such indemnified party as a result of such loss, claim, damage or expense in such proportion as is appropriate to reflect the relative fault of the indemnifying party on the one hand and of the indemnified party on the other in connection with the statements or omissions or alleged statements or omissions that resulted in such loss, liability, claim or expense as well as any other relevant equitable considerations. The relative fault of the indemnifying party and of the indemnified party shall be determined by reference to, among other things, whether the untrue or alleged untrue statement of a material fact relates to information supplied by the indemnifying party or by the indemnified party and the parties' relative intent, knowledge, access to information and opportunity to correct or prevent such statement or omission. In no event shall any Holder be required to contribute an amount in excess of the net proceeds received by such Holder upon the sale of the Registrable Securities giving rise to such indemnification obligation.

(e) If a claim for indemnification under Section 1.8(a) or 1.8(b) is due but unavailable to an indemnified party because of a failure or refusal of a governmental authority to enforce such indemnification in accordance with its terms (by reason of public policy or otherwise), then each indemnifying party, in lieu of indemnifying such indemnified party, shall contribute to the amount paid or payable by such indemnified party as a result of such losses, in such proportion as is appropriate to reflect the relative benefits received by the indemnifying party on the one hand and the indemnified party on the other from the offering of the Notes and Warrants. If, but only if, the allocation provided by the foregoing sentence is not permitted by applicable law, the allocation of contribution shall be made in such proportion as is appropriate to reflect not only the relative benefits referred to in the foregoing sentence but also the relative fault, as applicable, of the indemnifying party and indemnified party in connection with the actions, statements or omissions that resulted in such losses as well as any other relevant equitable considerations. The relative fault of such indemnifying party and indemnified party shall be determined by reference to, among other things, whether any action in question, including any untrue statement of a material fact or omission of a material fact, has been taken or made by, or relates to information supplied by, such indemnifying party or indemnified party, and the parties' relative intent, knowledge, access to information and opportunity to correct or prevent such action, statement or omission. The amount paid or payable by a party as a result of any losses shall be deemed to include, subject to the limitations set forth in Section 1.8(c), any reasonable attorneys' or other reasonable fees or expenses incurred by such party in connection with any proceeding to the extent such party would have been indemnified for such fees or expenses if the indemnification provided for in this Section was available to such party in accordance with its terms. In no event shall any selling Holder be required to contribute an amount under this Section 1.8(e) in excess of the gross proceeds received by such Holder upon sale of such Holder's Registrable Securities pursuant to the Registration Statement giving rise to such contribution obligation.

The parties hereto agree that it would not be just and equitable if contribution pursuant to this Section 1.8(e) were determined by pro rata allocation or by any other method of allocation that does not take into account the equitable considerations referred to in the immediately preceding paragraph. No Person guilty of fraudulent misrepresentation (within the meaning of Section 11(f) of the Securities Act) shall be entitled to contribution from any Person who was not guilty of such fraudulent misrepresentation.

(f) The obligations of the Company and the Holders under this Section 1.8 shall survive the completion of any offering of Registrable Securities in a Registration Statement under this Section 1, and otherwise.

(g) The indemnity and contribution agreements contained in this Section are in addition to any liability that the indemnifying parties may have to the indemnified parties pursuant to applicable law.

1.9 Reports Under Exchange Act. With a view to making available the benefits of certain rules and regulations of the Commission, including Rule 144, that may at any time permit the Holders to sell Registrable Securities to the public without registration or pursuant to a Registration Statement, the Company agrees to:

(a) make and keep public information available, as those terms are understood and defined in Rule 144, at all times after the Closing Date;

(b) take such action as is necessary to enable the Holders to utilize a Registration Statement for the sale of their Registrable Securities;

(c) file with the Commission in a timely manner all reports and other documents required of the Company under the Securities Act and the Exchange Act; and

(d) furnish to any Holder, so long as such Holder owns any Registrable Securities, forthwith upon request (i) a written statement by the Company that it has complied with the reporting requirements of Rule 144, the Securities Act and the Exchange Act, or that it qualifies as a registrant whose securities may be resold pursuant to Form S-1 or Form S-3 (at any time after it so qualifies), (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 in availing any Holder of any rule or regulation of the Commission that permits the selling of any Registrable Securities without registration or pursuant to such form.



1.10 Transfer or Assignment of Registration Rights. The rights to cause the Company to register Registrable Securities pursuant to this Section 1 may be transferred or assigned, but only with all related obligations, by any Holder to a transferee or assignee who (a) acquires at least 25,000 shares of Common Stock or Registrable Securities exercisable for or convertible into 25,000 shares of Common Stock (subject to appropriate adjustment for reverse stock splits, stock splits, stock dividends and combinations) from such transferring Holder, unless waived in writing by the Company, or (b) holds Registrable Securities immediately prior to such transfer or assignment; *provided*, that in the case of (a), (i) prior to such transfer or assignment, the Company is furnished with written notice stating the name and address of such transferee or assignee and identifying the securities with respect to which such registration rights are being transferred or assigned and (ii) such transferee or assignee agrees in writing to be bound by and subject to the terms and conditions of this Agreement.

1.11 Filing Obligations. The Company covenants to timely file (or obtain extensions in respect thereof and file within the applicable grace period) all reports required to be filed by the Company after the date hereof pursuant to Section 13(a) or 15(d) of the Exchange Act. As long as any Holder owns Notes, Warrants or Registrable Securities, if the Company is not required to file reports pursuant to Section 13(a) or 15(d) of the Exchange Act, it will prepare and furnish to the Holders and make publicly available in accordance with Rule 144(c) promulgated under the Securities Act, annual and quarterly financial statements, together with a discussion and analysis of such financial statements in form and substance substantially similar to those that would otherwise be required to be included in reports required by Section 13(a) or 15(d) of the Exchange Act, as well as any other information required thereby, in the time period that such filings would have been required to have been made under the Exchange Act. The Company further covenants that it will take such further action as any Holder may reasonably request, all to the extent reasonably required from time to time to enable such Person to sell the Registrable Securities without registration under the Securities Act within the limitation of the exemptions provided by Rule 144 promulgated under the Securities Act, including providing any legal opinions relating to such sale pursuant to Rule 144. Upon the request of any Holder, the Company shall deliver to such Holder a written certification of a duly authorized officer as to whether it has complied with such requirements.

## 2. Miscellaneous.

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

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

2.3 Remedies. Except as otherwise provided in Section 2.6 below, in the event of a breach by the Company or by a Holder of any of their obligations under this Agreement, such Holder or the Company, as the case may be, in addition to being entitled to exercise all rights granted by law and under this Agreement, including recovery of damages, will be entitled to specific performance of its rights under this Agreement, and each of the Company and each Holder agrees that monetary damages would not provide adequate compensation for any losses incurred by reason of a breach by it of any of the provisions of this Agreement and hereby further agrees that, in the event of any action for specific performance in respect of such breach, it shall waive the defense that a remedy at law would be adequate.

2.4 No Inconsistent Agreements. The Company has not entered into, and shall not enter into on or after the date of this Agreement, any agreement with respect to its securities that is inconsistent with the rights granted to the Holders in this Agreement or otherwise conflicts with the provisions hereof. Without limiting the generality of the foregoing, without the written consent of the Holders of a majority of the then outstanding Registrable Securities, the Company shall not grant to any Person the right to request the Company to register any securities of the Company under the Securities Act unless the rights so granted are subject in all respects to the prior rights in full of the Holders set forth herein, and are not otherwise in conflict with the provisions of this Agreement.

2.5 No Piggyback on Registrations for Other Securities. Neither the Company nor any of its security holders may include securities of the Company in the Registration Statement, and the Company shall not after the date hereof enter into any agreement providing such right to any of its security holders, unless the right so granted is subject in all respects to the prior rights in full of the Holders set forth herein, and is not otherwise in conflict with the provisions of this Agreement.

2.6 Failure to File Registration Statement and Other Events. The Company and the Holders agree that the Holders will suffer damages if the Registration Statement is not filed on or prior to the Filing Date and not declared effective by the Commission on or prior to the Effectiveness Date and maintained in the manner contemplated herein during the Effectiveness Period or if certain other events occur. The Company and the Holders further agree that it would not be feasible to ascertain the extent of such damages with precision. Accordingly, if (A) the Registration Statement is not filed on or prior to the Filing Date, or (B) the Registration Statement is not declared effective by the Commission on or prior to the Effectiveness Date, or (C) the Registration Statement is filed with and declared effective by the Commission but thereafter ceases to be effective as to all Registrable Securities at any time prior to the expiration of the Effectiveness Period, without being succeeded immediately by a subsequent Registration Statement filed with and declared effective by the Commission in accordance with Section 1.2(a) hereof (any such failure or breach being referred to as an “Event,” and for purposes of clauses (A) and (B) the date on which such Event occurs, or for purposes of clause (C) after more than fifteen (15) Business Days, being referred to as an “Event Date”), then the Company shall pay as liquidated damages to all Holders, pro rata according to their respective holdings of Registrable Securities, (i) a one-time aggregate amount of \$250,000 pro rata according to their respective holdings of Registrable Securities, in cash, plus (ii) for each thirty (30) day period after such Event Date during which such Event continues, an aggregate amount of cash equal to one percent (1%) of the aggregate principal amount then outstanding under the Notes up to a total of 5%; provided, that no liquidated damages shall be payable with respect to Registrable Securities that may be sold pursuant to Rule 144. Liquidated damages payable by the Company pursuant to Section 2.6(i) shall be payable on the first Business Day following the Event Date, and liquidated damages payable by the Company pursuant to Section 2.6(ii) shall be payable on the thirtieth (30<sup>th</sup>) day (or, if such day is not a Business Day, then on the first Business day following) following the Event Date, and on each 30<sup>th</sup> day thereafter, until such Event is cured. The foregoing liquidated damages shall be each Holder’s sole and exclusive remedy in respect of any Event. Notwithstanding anything to the contrary in this Section 2.6, if (a) any of the Events described in clauses (A), (B), or (C) shall have occurred, (b) on or prior to the applicable Event Date, the Company shall have exercised its rights under Section 1.5 hereof and (c) the postponement or suspension permitted pursuant to such Section 1.5 shall remain effective as of such applicable Event Date, then the applicable Event Date shall be deemed instead to occur on the second Business Day following the termination of such postponement or suspension.

2.7 Waivers and Amendments. This Agreement may be terminated and any term of this Agreement may be amended or waived (either generally or in a particular instance and either retroactively or prospectively) with the written consent of the Company and Holders holding at least a majority of the Registrable Securities then outstanding. No such amendment or waiver shall reduce the aforesaid percentage of the Registrable Securities, the Holders of which are required to consent to any termination, amendment or waiver without the consent of the Holders of all of the Registrable Securities. Any termination, amendment or waiver effected in accordance with this Section 2.7 shall be binding upon each Holder of Registrable Securities then outstanding, each future Holder of all such Registrable Securities and the Company.

2.8 Successors and Assigns. Except as otherwise expressly provided herein, the provisions of this Agreement shall inure to the benefit of, and be binding upon, the successors, permitted assigns, heirs, executors and administrators of the parties hereto. This agreement may not be assigned by the Company without the consent of Holders holding at least a majority of all then-outstanding Registrable Securities.

2.9 Entire Agreement. This Agreement constitutes the full and entire understanding and agreement among the parties with regard to the subject matter hereof, and no party shall be liable or bound to any other party in any manner by any warranties, representations or covenants except as specifically set forth herein.

2.10 Notices. All notices and other communications required or permitted under this Agreement shall be in writing and shall be delivered personally by hand or by overnight courier, mailed by United States first-class mail, postage prepaid, sent by facsimile or sent by electronic mail directed (a) if to a Holder, at such Holder's address, facsimile number or electronic mail address set forth in the Company's records, or at such other address, facsimile number or electronic mail address as such Holder may designate by ten (10) days' advance written notice to the other parties hereto or (b) if to the Company, to its address, facsimile number or electronic mail address set forth on its signature page to this Agreement and directed to the attention of its Chief Executive Officer, or at such other address, facsimile number or electronic mail address as the Company may designate by ten (10) days' advance written notice to the other parties hereto. All such notices and other communications shall be effective or deemed given upon delivery, on the date that is three (3) days following the date of mailing, upon confirmation of facsimile transfer or upon confirmation of electronic mail delivery.

2.11 Interpretation. The words “include,” “includes” and “including” when used herein shall be deemed in each case to be followed by the words “without limitation.” The titles and subtitles used in this Agreement are used for convenience only and are not considered in construing or interpreting this Agreement.

2.12 Severability. If one or more provisions of this Agreement are held to be unenforceable under applicable law, such provision shall be excluded from this Agreement, and the balance of the Agreement shall be interpreted as if such provision were so excluded, and shall be enforceable in accordance with its terms.

2.13 Counterparts. This Agreement may be executed in any number of counterparts, each of which shall be an original, but all of which together shall constitute one instrument.

2.14 Cumulative Remedies. The remedies provided herein are cumulative and not exclusive of any remedies provided by law.

2.15 Shares Held by the Company and its Affiliates. Whenever the consent or approval of Holders of a specified percentage of Registrable Securities is required hereunder, Registrable Securities held by the Company or its Affiliates (other than any Holder or transferees or successors or assigns thereof if such Holder is deemed to be an Affiliate solely by reason of its holdings of such Registrable Securities) shall not be counted in determining whether such consent or approval was given by the Holders of such required percentage.

2.16 Telecopy Execution and Delivery. A facsimile, telecopy or other reproduction of this Agreement may be executed by one or more parties hereto, and an executed copy of this Agreement may be delivered by one or more parties hereto by facsimile or similar electronic transmission device pursuant to which the signature of or on behalf of such party can be seen, and such execution and delivery shall be considered valid, binding and effective for all purposes. At the request of any party hereto, all parties hereto agree to execute an original of this Agreement as well as any facsimile, telecopy or other reproduction hereof.

**[SIGNATURE PAGE FOLLOWS]**

IN WITNESS WHEREOF, the parties have caused this Agreement to be executed by their duly authorized officers, as of the date, month and year first set forth above.

**Company:**

SANUWAVE HEALTH, INC.

By: \_\_\_\_\_

Name: Kevin A. Richardson II

Title: CEO

Address for notice:

11495 Valley View Road

Eden Prairie, MN 55344

Attn: Kevin A. Richardson II

Email: kevin.richardson@sanuwave.com

*[Signature Page to Registration Rights Agreement]*

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IN WITNESS WHEREOF, the parties have caused this Agreement to be executed by their duly authorized officers, as of the date, month and year first set forth above.

**Lender:**

\_\_\_\_\_

By: \_\_\_\_\_

Name: \_\_\_\_\_

Title:

Address for notice:

\_\_\_\_\_

\_\_\_\_\_

*[Signature Page to Registration Rights Agreement]*

\_\_\_\_\_

Leviston Resources LLC 78 SW 7<sup>th</sup> St  
Miami, Florida 33130

Sanuwave Health Inc.  
11495 Valley View  
Road Eden Prairie,  
MN 55344  
Attention: Kevin A. Richardson II

August 5, 2022

**Re: Securities Purchase Agreement/Future Advance Convertible Promissory Note**

Mr. Richardson:

We refer to that certain Securities Purchase Agreement, dated as of April 20, 2021 (as amended, restated, amended and restated, supplemented or otherwise modified from time to time, the “SPA”), made by and between (i) Sanuwave Health, Inc., a corporation incorporated under the laws of the State of Nevada (the “Company”), and (ii) Leviston Resources, LLC, a limited liability company organized and existing under the laws of the State of Delaware, as the sole initial purchaser thereunder (the “Purchaser”), pursuant to which (A) the Purchaser agreed to purchase that certain Future Advance Convertible Promissory Note dated as of April 20, 2021 (as amended by that certain letter agreement, dated as of May 14, 2021, and as further amended, supplemented or restated from time to time, the “Note”) from the Company, in an aggregate principal amount of up to Four Million Two Hundred Seventeen Thousand Two Hundred Seventeen and no/100 United States Dollars (US\$4,217,217.00), and (B) the Purchaser was issued that certain warrant to purchase 16,666,667 shares of the Company’s Common Stock (the “Warrant”). All amounts owing as of the date hereof under the SPA and the Note shall be referred to herein as of the “Indebtedness”. All capitalized terms used in this letter agreement shall have the same meaning ascribed to them in the SPA, except as otherwise specifically set forth herein.

As discussed, upon the Release Date (as defined below) the Indebtedness shall have been automatically satisfied in full and irrevocably discharged, terminated and released, all obligations and covenants under the Transaction Documents shall be automatically terminated, and the liens and security interests of the Purchaser in any and all of the property of the Company and any guarantors of the Indebtedness shall be automatically discharged, released and terminated, including without limitation, any liens and security interests evidenced by Uniform Commercial Code financing statements and fixture filings, real property mortgages and deeds of trust, and intellectual property security recordings in the United States Patent and Trademark Office or the United States Copyright Office and the Purchaser shall surrender the Warrant to the Company. Notwithstanding anything contained in this letter to the contrary, to the extent that any provisions of the Transaction Documents survive repayment per the terms thereof, such terms shall survive repayment, which for the avoidance of doubt shall include the indemnification provisions set forth in Section 4.11 of the SPA.

For purposes of this letter the “Release Date” shall mean the date upon which (A) the Purchaser shall have received, (i) 16,666,667 shares of Common Stock of the Company (the “Exchange Shares”) in exchange for the Warrant, and (ii) payment by wire transfer of \$3,205,715 (the “Payoff Amount”) in cash or in immediately available funds, to the following account:

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Routing number:

Swift Code:

Acct #

and (B) the Exchange Shares have been deposited with the Purchaser's broker.

Upon the Release Date, the Purchaser shall, at the Company's sole cost and expense:

- (i) authorize (without any further action required by the Purchaser) the Company or its agents, attorneys or designees to file termination statements, mortgage releases and other releases (including, without limitation, on Form UCC-3, intellectual property releases and landlord waiver releases) with all filing offices reasonably necessary or desirable to effect the purposes of this letter agreement;
- (ii) deliver to the Company or its agents, attorneys or designees all instruments evidencing pledged debt and all original stock or equity certificates, stock or equity powers and/or similar possessory collateral (if any); and
- (iii) execute and/or deliver to the Company or its agents, attorneys or designees (to the extent necessary) such other agreements, release, terminations and other documents, filings, recordings and instruments as necessary in order to evidence the termination of the liens and security interests granted pursuant to the SPA and the other related documents and take such other action from time to time as necessary to effect the purposes of this letter agreement, including any appropriate documents to terminate any and all intellectual property security agreements that have been filed with the United States Patent and Trademark Office and/or the United States Copyright Office or similar offices of other jurisdictions, in order to evidence the termination of the liens and security interests, as well as any deposit account control agreement terminations, mortgage releases, and all other instruments, releases and documents evidencing the release of the Purchaser's security interests and other liens.

If the Company fails to deliver the Exchange Shares or pay the Payoff Amount by August 8, 2022, the Purchaser may in its sole discretion, agree to accept in satisfaction of the Indebtedness, the Exchange Shares and an amount equal to the then Payoff Amount multiplied by 1.02, for every week that the Company fails to make such payment and deliver the Exchange Shares. Notwithstanding the foregoing, if the Company fails to make such payment or deliver the Exchange Shares on or by August 8, 2022, either such failure shall constitute an Event of Default, and the Purchaser shall have been deemed to have delivered an Event of Default Redemption Notice as of such date without any further action on behalf of the Purchaser. The Company agrees to file a Form 8-K by the earlier of (i) 4 days from the date hereof or (ii) twenty-four hours of the Release Date, disclosing the transactions set forth herein and any related financing.

The Company shall cause to be filed with the Securities Exchange Commission (the "SEC") no later than sixty (60) days after the date of this letter, a registration statement on Form S-1 for the resale of the Exchange Shares, and shall use its best efforts to have the Form S-1 declared effective by the SEC as soon as possible thereafter.



As a condition precedent to the effectiveness of this letter agreement, the Company agrees to deliver a copy of resolutions of the Board of the Company authorizing the execution of this letter agreement.

As of the date hereof, the Company hereby acknowledges that: (i) the Purchaser has acted in good faith and has fulfilled and fully performed all of its obligations under or in connection with the SPA, the Note and the other Transaction Documents; and (ii) that there are no other promises, obligations, understandings or agreements with respect to the SPA, the Note and the other Transaction Documents, except as expressly set forth herein.

New York law governs this letter agreement without regard to principles of conflicts of law. The Company and the Purchaser each submit to the exclusive jurisdiction of the State and Federal courts in New York County, City of New York, New York. The Company and the Purchaser each expressly submits and consents in advance to such jurisdiction in any action or suit commenced in any such court, and the Company and the Purchaser each hereby waives any objection that it may have based upon lack of personal jurisdiction, improper venue, or forum non conveniens and hereby consents to the granting of such legal or equitable relief as is deemed appropriate by such court.

This letter agreement and the SPA, the Note and the other Transaction Documents and the documents executed in connection therewith, contain the entire understanding between and among the parties and supersedes any prior understandings and agreements among them respecting the subject matter of this letter agreement. This letter agreement may be executed in any number of counterparts, each of which shall be an original but all of which together shall constitute one and the same instrument. The parties hereby consent and agree that if this letter agreement shall at any time be deemed by the parties for any reason insufficient, in whole or in part, to carry out the true intent and spirit hereof or thereof, the parties will execute or cause to be executed such other and further assurances and documents as in the reasonable opinion of the parties may be reasonably required in order more effectively to accomplish the purposes of this letter agreement. In case any provision of this letter agreement shall be held to be invalid, illegal or unenforceable, such provision shall be severable from the rest of this letter agreement, and the validity legality and enforceability of the remaining provisions shall not in any way be affected or impaired thereby.

Please indicate your agreement with and acceptance of the terms of this letter agreement by signing in the space provided and returning this letter agreement to our attention at the address above.

*[ - signature page follows - ]*

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Very truly yours,

**LEVISTON RESOURCES LLC**

By: /s/ R. Rogol

Name: R. Rogol

Title: CFO

ACCEPTED AND AGREED:

**SANUWAVE HEALTH, INC.**

By: /s/ Kevin A. Richardson II

Name: Kevin A. Richardson II

Title: Chief Executive Officer

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**FOR IMMEDIATE RELEASE**

**CONTACT:**

Sabrina Ruelle  
Senior Director, Marketing & Program Management  
Sabrina.Ruelle@Sanuwave.com

**SANUWAVE Closes \$12 Million Capital Raise**

SUWANEE, GA, Aug. 08, 2022 (GLOBE NEWSWIRE) -- via NewMediaWire – SANUWAVE Health, Inc. (OTCPK: SNWV), a leading provider of next-generation FDA-approved wound care products, today announced the closing of its \$12 million private placement. Use of proceeds is to expand production capacity to meet demand, pay off an existing debt facility, begin the NASDAQ up-listing process and for general working capital purposes.

Kestrel Merchant Partners LLC acted as the exclusive sponsor and The Benchmark Company, LLC acted as sole placement agent in connection with the transaction, which included many Sanuwave insiders and existing fundamental investors, including Manchester Management, as well as several new institutional investors.

Mr. Kevin Richardson, CEO, stated, “SANUWAVE has spent the last year gearing up for growth. We’ve added new board leadership, enhanced our internal management, upgraded our internal system, and cleaned up our balance sheet. The market for directed energy healing products remains strong and with this new capital the company is finally positioned to be able to meet this demand and grow this important category.”

The transaction is comprised of a note convertible at \$0.04 per share with warrants with exercise price of \$0.04 and \$0.067, and the note contains a “mandatory conversion” provision and converts into common equity upon a NASDAQ up-listing.

## **About SANUWAVE**

SANUWAVE Health is focused on the research, development, and commercialization of its patented, non-invasive and biological response-activating medical systems for the repair and regeneration of skin, musculoskeletal tissue, and vascular structures.

SANUWAVE’s end-to-end wound care portfolio of regenerative medicine products and product candidates help restore the body’s normal healing processes. SANUWAVE applies and researches its patented energy transfer technologies in wound healing, orthopedic/spine, aesthetic/cosmetic, and cardiac/endovascular conditions.

## ***Forward-Looking Statements***

*This press release may contain “forward-looking statements” within the meaning of the Private Securities Litigation Reform Act of 1995, such as statements relating to financial results and plans for future business development activities and are thus prospective. Forward-looking statements include all statements that are not statements of historical fact regarding intent, belief or current expectations of the Company, its directors or its officers. Investors are cautioned that any such forward-looking statements are not guarantees of future performance and involve risks and uncertainties, many of which are beyond the Company’s ability to control. Actual results may differ materially from those projected in the forward-looking statements. Among the key risks, assumptions and factors that may affect operating results, performance and financial condition are risks associated with the regulatory approval and marketing of the Company’s product candidates and products, unproven pre-clinical and clinical development activities, regulatory oversight, the Company’s ability to manage its capital resource issues, competition, and the other factors discussed in detail in the Company’s periodic filings with the Securities and Exchange Commission. The Company undertakes no obligation to update any forward-looking statement.*

## **CONTACT:**

Sabrina Ruelle  
Senior Director, Marketing & Program Management  
Sabrina.Ruelle@Sanuwave.com

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**FOR IMMEDIATE RELEASE**

**CONTACT:**

Sabrina Ruelle  
Senior Director, Program Management & Marketing  
[Sabrina.Ruelle@SANUWAVE.com](mailto:Sabrina.Ruelle@SANUWAVE.com)

**SANUWAVE Appoints New Board Chairman**

SUWANEE, GA, Aug. 08, 2022 (GLOBE NEWSWIRE) -- via NewMediaWire – SANUWAVE Health, Inc. (OTCPK: SNWV), a leading provider of next-generation wound care products, is pleased to announce the appointment of Mr. Morgan C. Frank as new Board Chairman effective today, August 5, 2022.

Mr. Frank has been a principal at the life sciences focused investment fund Manchester Management since 2003 and a director of Manchester Explorer Cayman Ltd since 2013. Prior to that, he was a founder and managing director at First Principles Group, a boutique consultancy and principal investor specializing in corporate restructuring, restarts, intellectual property assessment and salvage, and spin-outs. Before that, Mr. Frank spent approximately five years as an analyst and portfolio manager at Hollis Capital, a San Francisco based hedge fund. He currently sits on the board of directors of Modular Medical (MODD) a development stage insulin delivery company. Mr. Frank holds BA's in Economics and in Political Science from Brown University.

When asked about the new opportunity Mr. Frank states, “It is an honor to step into the role of Chairman at SANUWAVE. As a long-term investor in the company, I have had great opportunity to familiarize myself with the business and the market and have become very excited about the near-term potential and the dedicated and driven team. “Innovative products” is a term often paid lip service and less often lived up to, but I truly believe that to be the case here. I’m proud to join the movement toward evidence-based medicine for wound care and beyond by helping SANUWAVE transition into the next stage of its lifecycle and realize its extraordinary growth potential.”

Mr. Frank will succeed Mr. Kevin Richardson, who has served as Chairman since 2006. Mr. Richardson will remain CEO and continue to advise on key strategic initiatives as a Board Director along with Mr. Mike Stolarski, Mr. Jim Tyler, Mr. Ian Miller, and Mr. Jeffrey Blizard.

While separating the role of CEO and Chairman is a necessary step in preparing the company to up-list on NASDAQ, this transition will also enrich SANUWAVE’s strategic plan to continuously increase the leadership and experience available amongst their board of directors.

Mr. Kevin Richardson, CEO, stated, “I’m proud to transition the role over to someone who is not only committed and qualified but also passionate about the directionality of the company.” Mr. Richardson continues, “Mr. Frank is a long-term shareholder who has continuously shown commitment towards the growth & development of SANUWAVE, he is a great match for the position, and I feel confident he will be a great support in the continued progression and evolution of the company.”

### **About SANUWAVE**

SANUWAVE Health is focused on the research, development, and commercialization of its patented, non-invasive and biological response-activating medical systems for the repair and regeneration of skin, musculoskeletal tissue, and vascular structures.

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SANUWAVE's ENERGY FIRST wound care portfolio of regenerative medicine products and product candidates help restore the body's normal healing processes. SANUWAVE applies and researches its patented energy transfer technologies in wound healing, orthopedic/spine, aesthetic/cosmetic, and cardiac/endovascular conditions.

### ***Forward-Looking Statements***

*This press release may contain "forward-looking statements" within the meaning of the Private Securities Litigation Reform Act of 1995, such as statements relating to financial results and plans for future business development activities and are thus prospective. Forward-looking statements include all statements that are not statements of historical fact regarding intent, belief or current expectations of the Company, its directors or its officers. Investors are cautioned that any such forward-looking statements are not guarantees of future performance and involve risks and uncertainties, many of which are beyond the Company's ability to control. Actual results may differ materially from those projected in the forward-looking statements. Among the key risks, assumptions and factors that may affect operating results, performance and financial condition are risks associated with the regulatory approval and marketing of the Company's product candidates and products, unproven pre-clinical and clinical development activities, regulatory oversight, the Company's ability to manage its capital resource issues, competition, and the other factors discussed in detail in the Company's periodic filings with the Securities and Exchange Commission. The Company undertakes no obligation to update any forward-looking statement.*

### **CONTACT:**

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**Document and Entity  
Information**

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