

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT7543794

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	SECURITY INTEREST
CONVEYING PARTY DATA	
Name	Execution Date
CLEAN CHEMISTRY, INC.	09/06/2022
RECEIVING PARTY DATA	
Name:	PACIFIC WESTERN BANK D/B/A PACIFIC WESTERN BUSINESS FINANCE
Street Address:	19820 NORTH 7TH AVENUE, SUITE 100
City:	PHOENIX
State/Country:	ARIZONA
Postal Code:	85027
PROPERTY NUMBERS Total: 23	
Property Type	Number
Patent Number:	9551076
Patent Number:	10577698
Patent Number:	9517955
Patent Number:	9517956
Patent Number:	10501346
Patent Number:	10875799
Patent Number:	10875798
Patent Number:	10259729
Patent Number:	10472265
Patent Number:	10941063
Patent Number:	10611656
Patent Number:	10883224
Patent Number:	11001864
Patent Number:	11136714
Patent Number:	11111629
Patent Number:	11225755
Patent Number:	11311012
Application Number:	16798132
Application Number:	17222704
Application Number:	17119956

PATENT

Property Type	Number
Application Number:	17535268
Application Number:	17461389
Application Number:	63280479

CORRESPONDENCE DATA

Fax Number: (617)523-6850

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 617-523-2700

Email: susan.dinicola@hklaw.com

Correspondent Name: HOLLAND & KNIGHT LLP

Address Line 1: 10 ST. JAMES AVENUE

Address Line 4: BOSTON, MASSACHUSETTS 02116

ATTORNEY DOCKET NUMBER: 136131.00169

NAME OF SUBMITTER: SUSAN C. DINICOLA

SIGNATURE: /Susan C. DiNicola/

DATE SIGNED: 09/16/2022

Total Attachments: 15

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INTELLECTUAL PROPERTY SECURITY AGREEMENT

This Intellectual Property Security Agreement, together with all addenda, exhibits and schedules hereto, as the same now exists or may hereafter be amended, modified, supplemented, extended, renewed, restated, or replaced, (this "Agreement") is made as of this 6th day of September, 2022 by and between Clean Chemistry, Inc., a Delaware corporation ("Pledgor") and Pacific Western Bank dba Pacific Western Business Finance ("Lender"), a California state-chartered bank, at Phoenix, Arizona.

A. Lender has lent or agreed to lend to Pledgor certain funds (the "Loan"), and Pledgor desires to borrow such funds from Lender pursuant to a Loan and Security Agreement and/or Secured Promissory Note executed or to be executed in connection herewith (either, as amended, the "Loan Agreement"). All capitalized terms not otherwise defined herein shall have the meanings set forth in the Loan Agreement.

B. In order to induce Lender to make or continue to make the Loan, Pledgor has agreed to grant a security interest in certain intangible property to Lender for purposes of securing the Obligations of Pledgor to Lender.

RECITALS

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, the parties hereto agree as follows:

1. Definitions. All terms used herein which are defined in Division 1 or Division 9 of the Uniform Commercial Code of the State of California ("UCC") shall have the meanings set forth therein; provided, however, that if a term is defined in Division 9 of the UCC differently than in another Article of the UCC, the term has the meaning specified in Division 9.

2. Grant of Security Interest. As collateral security for the prompt and complete payment and performance of all of Pledgor's present or future Obligations to Lender, Pledgor hereby transfers, conveys and grants to Lender, as security, Pledgor's entire right, title and interest in, to and under the following (collectively, the "Intellectual Property Collateral"):

a. Any and all present and future copyright rights, copyright application, copyright registrations and like protections in each work or authorship and derivative work thereof, whether published or unpublished and whether or not the same also constitutes a trade secret, now or hereafter existing, created, acquired or held, including without limitation those set forth on Exhibit A attached hereto (collectively, the "Copyrights");

b. Any and all present and future trade secrets, proprietary information, customer lists, manufacturing techniques, formulas, product formulations, and any and all intellectual property rights in computer software and computer software products now or hereafter existing, created, or acquired or held;

c. Any and all present and future design rights which may be available to Pledgor now or hereafter existing, created, acquired or held;

d. Any and all patents, patent licenses, patent applications and like protections including, without limitation, improvements, divisions, continuations, renewals, reissues, extensions and continuations-in-part of the same, including without limitation the patents and patent applications set forth on Exhibit B attached hereto (collectively, the "Patents");

e. Any and all present and future trademark license, trademark, and service mark rights, whether registered or not, applications to register and registrations of the same and like protections, and the entire goodwill of the business of Pledgor connected with and symbolized by such trademarks, including, without limitation, those set forth on Exhibit C attached hereto (collectively, the "Trademarks").

f. Any and all present and future rights in and to domain names in whatever form, and all derivative URLs, including without limitation those set forth on Exhibit D attached hereto (collectively, the "Domain Names");

g. Any and all claims for damages by way of past, present and future infringement of any of the rights included above, with the right, but not the obligation, to sue for and collect such damages for said use or infringement of the intellectual property rights identified above;

h. Any and all present and future licenses or other rights to use any of the Copyrights, Patents, Trademarks, or Domain Names, and all license fees and royalties arising from such use to the extent permitted by such license or rights;

i. All amendments, extensions, renewals and extensions of any of the Copyrights, Patents, Trademarks, or Domain Names; and

j. Any and all proceeds and products of any of the foregoing, including, without limitation, all payments under insurance or any indemnity or warranty payable in respect of any of the foregoing.

3. Authorization and Request. Pledgor authorizes and requests that the Register of Copyrights and the Commissioner of Patents and Trademarks record this Agreement.

4. Covenants and Warranties. Pledgor represents, warrants, covenants and agrees as follows:

a. Pledgor is now the sole owner of the Intellectual Property Collateral, except for non-exclusive licenses granted by Pledgor to its customers in the ordinary course of business and except for those liens, encumbrances or security interests described in Exhibit E attached hereto;

b. Performance of this Agreement does not conflict with or result in a breach of any agreement to which Pledgor is party or by which Pledgor is bound;

c. During the term of this Agreement, Pledgor shall not transfer or otherwise encumber any interest in the Intellectual Property Collateral, except for liens, encumbrances, or security interests described in Exhibit E attached hereto and non-exclusive licenses granted by Pledgor, copies of which Pledgor will provide from time to time to Lender at the request of Lender;

d. Each of the Patents is valid and enforceable, and no part of the Intellectual Property Collateral has been judged invalid or unenforceable, in whole or in part, and no claim has been made that any part of the Intellectual Property Collateral violates the rights of any third party;

e. Pledgor shall deliver to Bank within thirty (30) days of the last day of each month, a report signed by Pledgor, in form reasonably acceptable to Bank, listing any applications or registrations that Pledgor has made or filed in respect of any patents, copyrights or trademarks and the status of any outstanding applications or registrations. Pledgor shall promptly advise Lender of any material change in the composition of the Intellectual Property Collateral, including but not limited to, any subsequent ownership right of the Pledgor in or to any Trademark, Patent or Copyright not specified in this Agreement;

f. Pledgor shall (i) protect, defend and maintain the validity and enforceability of the Copyrights, Patents, Trademarks, or Domain Names, (ii) use its best efforts to detect infringements of the Copyrights, Patents, Trademarks, or Domain Names and promptly advise Lender in writing of material infringements detected and (iii) not allow any Copyrights, Patents, Trademarks, or Domain Names to be abandoned, forfeited or dedicated to the public without the written consent of Lender, which consent shall not be unreasonably withheld, unless Pledgor determines that reasonable business practices suggest that abandonment is appropriate and so advises Lender;

g. Pledgor shall not register any maskworks, software, computer programs or other works of authorship subject to United States copyright protection with the United States Copyright Office without first

complying with the following: (i) providing Lender with at least fifteen (15) days' prior written notice thereof; (ii) providing Lender with a copy of the application for any such registration; and (iii) executing and filing such other instruments, and taking such further actions as Lender may reasonably request from time to time to perfect or continue the perfection of Lender's interest in the Intellectual Property Collateral, including without limitation the filing with the United States Copyright Office, simultaneously with the filing by Pledgor of the application for any such registration, of a copy of this Agreement or a Supplement hereto in form acceptable to Lender identifying the maskworks, software, computer programs or other works of authorship being registered and confirming the grant of a security interest therein in favor of Lender;

h. This Agreement creates, and in the case of after acquired Intellectual Property Collateral, this Agreement will create at the time Pledgor first has rights in such after acquired Intellectual Property Collateral, in favor of Lender a valid and perfected first priority security interest in the Intellectual Property Collateral in the United States securing the payment and performance of the Obligations evidenced by the Loan Agreement upon making the filings referred to in clause 4.i below;

i. Except for, and upon, the filing of (i) a UCC financing statement with the appropriate filing office in the appropriate state; (ii) a notice of security interest with the United States Patent and Trademark office with respect to the Patents and Trademarks; and (iii) a notice of security interest with the United States Copyright Office with respect to the Copyrights, and or such other action as Lender may deem necessary to perfect the security interests created hereunder, and, except as has been already made or obtained, no authorization, approval or other action by, and no notice to or filing with, any governmental authority or regulatory body is required either (1) for the grant by Pledgor of the security interest granted hereby or for the execution, delivery or performance of this Agreement by Pledgor; or (2) for the perfection in the United States in the Intellectual Property Collateral or the exercise by Lender of its rights and remedies hereunder;

j. All information heretofore, herein or hereafter supplied to Lender by or on behalf of Pledgor with respect to the Intellectual Property Collateral is accurate and complete in all material respects;

k. Pledgor shall not enter into any agreement that would materially impair or conflict with Pledgor's obligations hereunder without Lender's prior written consent, which consent will not be unreasonably withheld. Pledgor shall not permit the inclusion in any contract to which it becomes a party of any provisions that could or might in any way impair or prevent the creation of a security interest in Pledgor's rights and interests in any property included within the definition of the Intellectual Property Collateral acquired under such contracts; and

l. Upon any officer of Pledgor obtaining knowledge thereof, Pledgor shall promptly notify Lender in writing of any event that materially adversely affects the value of any of the Intellectual Property Collateral, the ability of Pledgor or Lender to dispose of any of the Intellectual Property Collateral or the rights and remedies of Lender in relation thereto, including, without limitation, the levy of any legal process against any of the Intellectual Property Collateral.

5. Infringement. Pledgor agrees that if any Person shall do or perform any acts which Lender reasonably believes constitutes an infringement of any Intellectual Property Collateral, or violate or infringe any right of Pledgor or Lender therein or if any Person shall do or perform any acts which Lender believes constitutes an unauthorized or unlawful use thereof, then and in any such event, Lender may and shall have the right to (i) take reasonable steps to protect its interests; and (ii) while an Event of Default is continuing, to take such steps and institute such suits or proceedings as Lender may deem advisable or necessary to prevent such acts and conduct and to secure damages and other relief by reason thereof, and to generally take such steps as may be advisable or necessary or proper for the full protection of the rights of the parties. Lender may take such steps or institute such suits or proceedings in its own name or in the name of Pledgor or in the names of the parties jointly. Lender hereby agrees to give Pledgor notice of any steps taken, or any suits or proceedings instituted, by Lender pursuant to this paragraph.

6. Security Interest. This security interest is granted in conjunction with the security interests granted to Lender pursuant to the Loan Agreement. Pledgor does hereby further acknowledge and affirm that the rights and remedies of Lender with respect to the security interest in the Intellectual Property Collateral made and

granted hereby are subject to, and more fully set forth in, the Loan Agreement, the terms and provisions of which are incorporated by reference herein as if fully set forth herein.

7. Lender's Rights. Lender shall have the right, but not the obligation, to take, at Pledgor's sole expense, any actions that Pledgor is required under this Agreement to take but which Pledgor fails to take, after five (5) days' telephonic or written notice to Pledgor. Pledgor shall reimburse and indemnify Lender for all costs and expenses incurred in the reasonable exercise of its rights under this Section 7.

8. Inspection Rights. Pledgor hereby grants to Lender and its employees, representatives and agents the right to visit, during reasonable hours upon prior reasonable notice to Pledgor, and to the extent Pledgor can legally grant that right, any of Pledgor's and its subcontractors' plants and facilities that manufacture, install or store products (or that have done so during the prior six-month period) that are sold under any of the Intellectual Property Collateral, and to inspect the products and quality control records relating thereto upon reasonable notice to Pledgor and as often as may be reasonably requested; provided, however, nothing herein shall entitle Lender to access to Pledgor's trade secrets and other proprietary information.

9. Further Assurances; Attorney in Fact.

a. On a continuing basis, Pledgor will, subject to any prior licenses, encumbrances and restrictions and prospective licenses, make, execute, acknowledge and deliver, and file and record in the proper filing and recording places in the United States, all such instruments, including, appropriate financing and continuation statements and collateral agreements and filings with the United States Patent and Trademark Office or the United States Copyright Office, and take all such action as may reasonably be deemed necessary or advisable, or as requested by Lender to perfect Lender's security interest in all Intellectual Property and otherwise to carry out the intent and purposes of this Agreement, or for assuring and confirming to Lender the grant or perfection of a security interest in all Intellectual Property Collateral.

b. Pledgor hereby irrevocably appoints Lender as Pledgor's attorney-in-fact, with full authority in the place and stead of Pledgor and in the name of Pledgor, Lender or otherwise, from time to time in Lender's Sole Discretion, to take any action and to execute any instrument which Lender may deem necessary or advisable to accomplish the purposes of this Agreement, including:

i. to modify in its Sole Discretion this Agreement without first obtaining Pledgor's approval of or signature to such modification by amending Exhibit A, Exhibit B, Exhibit C, and Exhibit D hereof as appropriate, to include reference to any right title or interest in any Copyrights, Patents, Trademarks, or Domain Names acquired by Pledgor after the execution hereof or to delete any reference to any right, title, or interest in any Copyrights, Patents, Trademarks, or Domain Names in which Pledgor no longer has or claims any right, title or interest; and,

ii. to file, in its Sole Discretion, one or more UCC financing or continuation statements and amendments thereto, relative to any of the Intellectual Property Collateral without the signature of Pledgor where permitted by law;

iii. after the occurrence and during the continuance of an Event of Default, to qualify Pledgor to do business in any state if Pledgor shall fail to do so following request by Lender; and

iv. after the occurrence of an Event of Default, to transfer the Intellectual Property Collateral into the name of Lender or a third party to the extent permitted under the UCC.

10. Events of Default. The occurrence of any of the following events shall constitute an Event of Default under this Agreement:

a. An Event of Default occurs under the Loan Agreement or any other agreement between Pledgor and Lender; or

b. Pledgor breaches any warranty or agreement made by Pledgor in this Agreement.

11. Remedies. Upon the occurrence of an Event of Default, Lender shall have the right to exercise all of the remedies of a Lender under the UCC, including without limitation, the right to require Pledgor to assemble the Intellectual Property Collateral and to make it available to Lender at a place designated by Lender. Pledgor will pay any expenses (including reasonable attorneys' fees and legal and other costs and the reasonable estimate of the allocated costs and expenses of in-house legal counsel and staff) incurred by Lender in connection with the exercise of any of Lender's rights hereunder, including without limitation any reasonable expense incurred in disposing of the Intellectual Property Collateral. All of Lender's rights and remedies with respect to the Intellectual Property Collateral shall be cumulative.

12. Lender's Duties. Beyond the safe custody thereof, Lender shall have no duty with respect to any Intellectual Property Collateral in its possession or control (or in the possession or control of any agent or bailee) or with respect to any income thereon or the preservation of rights against prior parties or any other rights pertaining thereto. Lender shall be deemed to have exercised reasonable care in the custody and preservation of the Intellectual Property Collateral in its possession if the Intellectual Property Collateral is accorded treatment substantially equal to that which it accords its own property. Lender shall not be liable or responsible for any loss or damage to any of the Intellectual Property Collateral, or for any diminution in the value thereof, by reason of the act or omission of any warehouseman, carrier, forwarding agency, consignee or other agent or bailee selected by Lender in good faith.

13. Costs and Expenses; Indemnification; Other Charges.

a. Costs and Expenses. Pledgor agrees to pay on demand:

i. reasonable costs or expenses (including without limitation taxes, photocopying, notarization, telecommunication, insurance premiums, and postage) paid by Lender in connection with Lender's transactions with Pledgor;

ii. reasonable costs and expenses required to be paid by Pledgor under any of the Loan Documents that are paid or advanced by Lender in connection with Lender's transactions with Pledgor;

iii. reasonable legal fees and expenses paid or incurred by Lender in connection with the due diligence, negotiation and preparation of this Agreement, the Loan Documents executed in connection herewith and other documents executed in connection herewith now and in the future (whether for legal services and expenses from outside counsel or from in-house counsel);

iv. reasonable documentation, filing, recording, publication, appraisal (including periodic Collateral appraisals) and search fees assessed, paid, or incurred by Lender in connection with Lender's transactions with Pledgor;

v. reasonable costs and expenses of third party claims or any other suit paid or incurred by Lender in enforcing or defending the Loan Documents and adjusting or settling disputes and claims with Account Debtors with respect to Pledgor's Accounts; and Lender's costs and expenses and reasonable Attorneys' Fees and expenses (whether for legal services incurred by and expenses from outside counsel and/or from in-house counsel and staff) incurred in advising, structuring, drafting, reviewing, administering, amending, terminating, or enforcing, or in any other way relating to, this Agreement or the other Loan Documents (including reasonable Attorneys' Fees and expenses incurred in such adjusted or settled disputes and claims, and in connection with a "workout," a "restructuring," or an Insolvency Proceeding concerning Pledgor or any Guarantor of the Obligations, irrespective of whether suit is brought). The Attorneys' Fees incurred by Lender in any Insolvency Proceeding shall include, without limitation, those incurred in connection with debtor-in-possession financing, motions for relief from automatic stay, and actions to determine dischargeability, and defending, or concerning the Loan Documents.

b. Indemnification. Pledgor hereby agrees to indemnify Lender, any Affiliate thereof, and its directors, officers, employees, agents, counsel, and other advisors (each an "Indemnified Person") against, and hold each of them harmless from, any and all liabilities, obligations, losses, claims, damages, penalties, actions, judgments, suits, costs, expenses, or disbursements of any kind or nature whatsoever, including Attorneys' Fees, Lender Expenses, the reasonable fees and disbursements of counsel to an Indemnified Person (including allocated costs of internal counsel), which may be imposed on, incurred by, or asserted against any Indemnified Person, in any

way relating to or arising out of this Agreement or the transactions contemplated hereby or any action taken or omitted to be taken by it hereunder (the "Indemnified Liabilities"); provided that Pledgor shall not be liable to any Indemnified Person for any portion of such Indemnified Liabilities to the extent they are found by a final decision of a court of competent jurisdiction to have resulted from such Indemnified Person's gross negligence or willful misconduct. If and to the extent that the foregoing indemnification is for any reason held unenforceable, Pledgor agrees to make the maximum contribution to the payment and satisfaction of each of the Indemnified Liabilities which is permissible under applicable law.

c. Other Charges. Pledgor agrees to indemnify Lender against and hold it harmless from any and all present and future stamp, transfer, documentary, and other such taxes, levies, fees, assessments, and other charges made by any jurisdiction by reason of the execution, delivery, performance, and enforcement of this Agreement.

14. Notices. Unless otherwise provided in this Agreement or hereinbelow, all notices or demands by any party relating to this Agreement or any of the other Loan Documents shall be in writing and (except for financial statements and other informational documents which may be sent by first-class mail, postage prepaid) may be made, and deemed to be given, as follows: a) if delivered in person or by courier (overnight or otherwise), on the date when it is delivered; b) if by facsimile, when received at the correct number (proof of which shall be an original facsimile transmission confirmation slip or equivalent); or c) if sent by certified or registered mail or the equivalent, on the earlier of the date such mail is actually delivered or three (3) days after deposit thereof in the mail, unless the date of actual delivery or such date 3 days after deposit thereof in the mail (as applicable) is not a Business Day in which case such communication shall be deemed given and effective on the first following Business Day. Any such notice or communication given pursuant to this Agreement or any of the Loan Documents shall be addressed to the intended recipient at its address or number specified as follows:

If to Pledgor: **Clean Chemistry, Inc.**
2555 55th Street #104, Boulder, Colorado 80301
Attn: **Nick Gardiner, President**
Telephone No.: **(432) 234-6614**
Facsimile No.: **N/A**

If to Lender: **Pacific Western Bank**
19820 North 7th Avenue, Suite 100, Phoenix, Arizona 85027
Attn: **Matthew A. Lerner, Managing Director**
Telephone No.: **(602) 265-7715**
Facsimile No.: **(623) 581-5616**

The parties hereto may change the address at which they are to receive notices hereunder, by notice in writing in the foregoing manner given to the other. Notwithstanding anything to the contrary in the foregoing, Pledgor acknowledges and agrees that notices sent by Lender in connection with §§ 9610, 9611, 9612, 9613, 9614, 9615, 9617, 9618, 9620, 9621, or 9624 of the Code and any other references to the disposition of collateral under the Code, all as such sections may be amended and/or re-numbered from time to time, shall be deemed sent when: (a) delivered in person or by courier (overnight or otherwise), (b) deposited in the mail, or (c) transmitted by facsimile.

15. Certain Waivers. Pledgor waives, to the fullest extent permitted by law, (a) any right of redemption with respect to the Intellectual Property Collateral, whether before or after sale hereunder; (b) all rights, if any, of marshalling of the Intellectual Property Collateral or other collateral or security for the Obligations whether such rights arise under California Civil Code §§2899 and 3433 or otherwise; (c) any right to require Lender (i) to proceed against any Person; (ii) to exhaust any other collateral or security for any of the Obligations; (iii) to pursue any remedy in Lender's power; or (iv) to make or give any presentments, demands for performance, notices of nonperformance, protests, notices of protests, or notices of dishonor in connection with any of the Intellectual Property Collateral; (d) all claims, damages, and demands against Lender arising out of the repossession, retention, sale, or application of the proceeds of any sale of the Intellectual Property Collateral; and (e) demand, protest, notice of protest, notice of default or dishonor, notice of payment and nonpayment, notice of any default, nonpayment at maturity, release, compromise, settlement, extension, or renewal of accounts, documents, instruments, chattel paper, and guarantees at any time held by Lender on which Pledgor may in any way be liable.

16. Release upon Satisfaction of Pledgor's Obligations. At such time as Pledgor shall completely satisfy all of the Obligations secured hereunder (other than inchoate indemnity obligations), Lender shall execute and deliver to Pledgor all terminations, releases and other instruments as may be necessary or proper to evidence the termination of the security interests granted hereunder, subject to any disposition thereof which may have been made by Lender pursuant hereto.

17. General Terms.

a. Survival of Representations and Warranties. All representations and warranties of Pledgor contained in this Agreement shall survive the execution and delivery of this Agreement.

b. "Sole Discretion" means the exercise by Lender of its reasonable (from the perspective of a secured asset based lender) business judgment in light of all of the facts and circumstances existing with respect to the issue then under consideration by Lender.

c. California Law; Venue. This Agreement and all transactions contemplated hereunder and/or evidenced hereby shall be governed by, construed under, and enforced in accordance with the internal laws of the State of California, without giving effect to conflicts of law principles. The parties hereby agree that 1) this Agreement is entered into and that Pledgor's performance to Lender occurs at Phoenix, Arizona; and 2) all actions or proceedings arising in connection with this Agreement and/or the Loan Documents shall be tried and litigated only in the State and Federal courts located in the County of Los Angeles, State of California or, at the sole option of Lender, in any other court in which Lender shall initiate legal or equitable proceedings and which has subject matter jurisdiction over the matter in controversy. Each of Pledgor and Lender waives, to the extent permitted under applicable law, any right each may have to assert the doctrine of forum non conveniens or to object to venue to the extent any proceeding is brought in accordance with this section.

d. JURY TRIAL WAIVER. PLEDGOR AND LENDER HEREBY WAIVE THEIR RESPECTIVE RIGHTS TO A JURY TRIAL OF ANY CLAIM OR CAUSE OF ACTION BASED UPON OR ARISING OUT OF ANY OF THE LOAN DOCUMENTS OR ANY OF THE TRANSACTIONS CONTEMPLATED THEREIN, INCLUDING, WITHOUT LIMITATION, CONTRACT CLAIMS, TORT CLAIMS, BREACH OF DUTY CLAIMS, AND ALL OTHER COMMON LAW OR STATUTORY CLAIMS. PLEDGOR AND LENDER REPRESENT THAT EACH HAS REVIEWED THIS WAIVER AND EACH KNOWINGLY AND VOLUNTARILY WAIVES ITS JURY TRIAL RIGHTS FOLLOWING CONSULTATION WITH LEGAL COUNSEL. IN THE EVENT OF LITIGATION, A COPY OF THIS AGREEMENT MAY BE FILED AS A WRITTEN CONSENT TO A TRIAL BY THE COURT.

WITHOUT INTENDING IN ANY WAY TO LIMIT THE PARTIES' AGREEMENT TO WAIVE THEIR RESPECTIVE RIGHTS TO A TRIAL BY JURY, if the above waiver of the right to a trial by jury is not enforceable, the parties hereto agree that any and all disputes or controversies of any nature between them arising at any time shall be decided by a reference to a private judge, mutually selected by the parties (or, if they cannot agree, by the Presiding Judge of the Los Angeles County, California Superior Court) appointed in accordance with California Code of Civil Procedure § 638 as such sections may be amended and/or re-numbered from time to time (or pursuant to comparable provisions of federal law if the dispute falls within the exclusive jurisdiction of the federal courts), sitting without a jury, in Los Angeles County, California; and the parties hereby submit to the jurisdiction of such court. The reference proceedings shall be conducted pursuant to and in accordance with the provisions of California Code of Civil Procedure §§ 638 through 645.1, inclusive as such sections may be amended and/or re-numbered from time to time. The private judge shall have the power, among others, to grant provisional relief, including without limitation, entering temporary restraining orders, issuing preliminary and permanent injunctions and appointing receivers. All such proceedings shall be closed to the public and confidential and all records relating thereto shall be permanently sealed. If during the course of any dispute, a party desires to seek provisional relief, but a judge has not been appointed at that point pursuant to the judicial reference procedures, then such party may apply to the Los Angeles County, California Superior Court for such relief. The proceeding before the private judge shall be conducted in the same manner as it would be before a court under the rules of evidence applicable to judicial proceedings. The parties shall be entitled to discovery that shall be conducted in the same manner as it would be before a court under the rules of discovery applicable to judicial proceedings. The private judge shall oversee discovery and may enforce all discovery rules and order applicable to judicial proceedings in the

same manner as a trial court judge. The parties agree that the selected or appointed private judge shall have the power to decide all issues in the action or proceeding, whether of fact or of law, and shall report a statement of decision thereon pursuant to the California Code of Civil Procedure § 644(a). Nothing in this section shall limit the right of any party at any time to exercise self-help remedies, foreclose against collateral, or obtain provisional remedies. The private judge shall also determine all issues relating to the applicability, interpretation, and enforceability of this paragraph.

e. Successors and Assigns. This Agreement shall bind and inure to the benefit of the respective successors and permitted assigns of each of the parties; provided, however, that neither this Agreement nor any rights hereunder may be assigned by Pledgor without Lender's prior written consent, which consent may be granted or withheld in Lender's Sole Discretion. Lender shall have the right without the consent of or notice to Pledgor to sell, transfer, negotiate, or grant participation in all or any part of, or any interest in, Lender's obligations, rights and benefits hereunder. In connection therewith, Lender may disclose all documents and information that Lender now has or may hereafter acquire relating to any credit extended by Lender to Pledgor, Pledgor or its business, any Obligor or the business of any Obligor, or any Collateral.

f. Severability of Provisions. In the event any one or more of the provisions contained in this Agreement is held to be invalid, illegal or unenforceable in any respect, then such provision shall be ineffective only to the extent of such prohibition or invalidity, and the validity, legality, and enforceability of the remaining provisions contained herein shall not in any way be affected or impaired thereby.

g. Amendments. Neither this Agreement nor any provisions hereof may be changed, waived, discharged or terminated, nor may any consent to the departure from the terms hereof be given, orally (even if supported by new consideration), but only by an instrument in writing signed by all parties to this Agreement. Any waiver or consent so given shall be effective only in the specific instance and for the specific purpose for which given.

h. Entire Agreement. This Agreement, together with the Loan Agreement embodies the entire agreement and understanding among and between the parties hereto, and supersedes all prior or contemporaneous agreements and understandings between said parties, verbal or written, express or implied, relating to the subject matter hereof. No promises of any kind have been made by Lender or any third party to induce Pledgor to execute this Agreement. No course of dealing, course of performance or trade usage, and no parol evidence of any nature, shall be used to supplement or modify any terms of this Agreement.

i. Waiver. No failure to exercise and no delay in exercising any right, power, or remedy hereunder shall impair any right, power, or remedy which Lender may have, nor shall any such delay be construed to be a waiver of any of such rights, powers, or remedies, or any acquiescence in any breach or default hereunder; nor shall any waiver by Lender of any breach or default by Pledgor hereunder be deemed a waiver of any default or breach subsequently occurring. All rights and remedies granted to Lender hereunder shall remain in full force and effect notwithstanding any single or partial exercise of, or any discontinuance of action begun to enforce, any such right or remedy. The rights and remedies specified herein are cumulative and not exclusive of each other or of any rights or remedies which Lender would otherwise have.

j. Interpretation. This Agreement and all agreements relating to the subject matter hereof are the product of negotiation and preparation by and among each party and its respective attorneys, and shall be construed accordingly. The parties waive the provisions of California Civil Code §1654.

k. Information. Pledgor agrees that Lender may provide information relating to this Agreement or relating to Pledgor to Lender's parent, affiliates, and subsidiaries.

l. Counterparts. This Agreement may be signed in any number of counterparts, each of which shall be an original, with the same effect as if all signatures were upon the same instrument. This Agreement, or a signature page thereto intended to be attached to a copy of this Agreement, signed and transmitted by facsimile machine, telecopier, or other electronic means (including via transmittal of a "pdf" file) shall be deemed and treated as an original document. The signature of any person thereon, for purposes hereof, is to be considered as an original signature, and the document transmitted is to be considered to have the same binding effect as an original signature.

on an original document. At the request of any party hereto, any facsimile, telecopy or other electronic document is to be re-executed in original form by the persons who executed the facsimile, telecopy or other electronic document. No party hereto may raise the use of a facsimile machine, telecopier, or other electronic means or the fact that any signature was transmitted through the use of a facsimile machine, telecopier, or other electronic means as a defense to the enforcement of this Agreement.

m. Satisfaction Requirement. If any agreement, certificate or other writing, or any action taken or to be taken, is by the terms of this Agreement required to be satisfactory to Lender, the determination of such satisfaction shall be made by the Lender in its Sole Discretion.

n. Course of Dealing. No course of dealing, nor any failure to exercise, nor any delay in exercising any right, power, or privilege hereunder shall operate as a waiver thereof.

IN WITNESS WHEREOF, the parties hereto have executed this Intellectual Property Security Agreement as of the day and year first above written.

PLEDGOR:

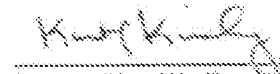
Clean Chemistry, Inc.



By: Nick Gardiner
Its: President

LENDER:

Pacific Western Bank



By: Kurt Kiesling
Its: Senior Vice President

EXHIBIT A

Copyrights

NONE

EXHIBIT B

Patents

All present and future registered and unregistered patents, including but not limited to the following:

Patents Issued

1. 00100 US 9,551,076 Electrochemical Reactor and Process (1/24/2017)
2. 00117 US 10,577,698 Electrochemical Reactor and Process (4/27/2017)
3. 00200 US 9,517,955 System and Method for Generation of Point of Use Reactive Oxygen Species (12/13/2016)
4. 00236 US 9,517,956 System and Method for Generation of Point of Use Reactive Oxygen Species (12/13/2016)
5. 00237 US 10,501,346 System and Method for Generation of Point of Use Reactive Oxygen Species (12/10/2019)
6. 00238 US 10,875,799 System and Method for Generation of Point of Use Reactive Oxygen Species (12/29/2020)
7. 00305 EP 3189016 (DE, FR, UK) System and Method for Generation of Point of Use Reactive Oxygen Species (includes DE 602015053780.7 since Germany uses their own numbering system.) (6/3/2020)
8. 00201 AU 2013312249 Systems and Methods for Generation of Point of Use Reactive Oxygen Species and Applications Thereof (6/28/2018)
9. 00234 ZL201380058049.6 Systems and Methods for Generation of Point of Use Reactive Oxygen Species and Applications Thereof (6/25/2019)
10. 00317 US 10,875,798 Systems and Method for Oxidative Treatment Utilizing Reactive Oxygen Species and Applications Thereof (12/29/2020)
11. 00300 US 10,259,729 Systems and Methods for Generation of Point of Use Reactive Oxygen Species and Applications Thereof (4/16/2019)
12. 00301 AU 2015311692 Systems and Methods for Generation of Point of Use Reactive Oxygen Species and Applications Thereof (1/21/2021)
13. 00203 CA 2900460 Systems and Methods for Generation of Point of Use Reactive Oxygen Species and Applications Thereof (8/30/2021)
14. 00400 US 10,472,265 Systems and Methods of Reducing a Bacteria Population in High Hydrogen Sulfide Water (11/12/2019)
15. 00417 US 10,941,063 Method for Down-Hole Treatment of a Production Well for Sulfur Based Contaminants (3/9/2021)
16. 00500 US 10,611,656 Methods of Microbial Control (4/7/2020)
17. 00600 US 10,883,224 Methods of Pulp Fiber Treatment (1/5/2021)
18. 00800 US 11,001,864 Bacteria Control in Fermentation Systems (5/11/2021)

19. 00700 US 11,136,714 Methods of Optical Brightening Agent Removal (10/5/2021)
20. 01017 (formerly 00617) US 11,111,629 Methods of Pulp Fiber Treatment (9/7/2021)
21. 00536 US 11,225,755 Methods of Paper Mill Processing Using Recycled White Water with Microbial Control (1/18/2022)
22. 00900 US 11,311,012 Bacterial Control in Fermentation Systems (4/26/2022)

Patents Pending

1. 205 EP13834576.4 Systems and method for generation of reactive oxygen species and applications thereof 9/7/2013
2. 239 US 16/798,132 System and method of generation of reactive oxygen species and applications thereof 9/7/2013
3. 294 US 17/222,704 System and method of generation for point of use reactive oxygen species 9/7/2013
4. 337 US 17/119,956 Systems and method for generation of reactive oxygen species and applications thereof 9/4/2014
5. 303 CA 2960104 Systems and method for generation of reactive oxygen species and applications thereof 9/4/2014
6. 403 CA 2,981,034 Systems and methods of reducing a bacteria population in high hydrogen sulfide water 3/25/2015
7. 503 CA 3,007,778 Methods of microbial control 12/7/2015
8. 505 EP 16873739.3 Methods of microbial control 12/7/2015
9. 537 US 17/535,268 Methods of paper mill processing using recycled water with microbial control 11/24/2021
10. 1036 US 17/461,389 Methods of pulp fiber treatment 12/7/2015
11. 603 CA 3,046,063 Methods of pulp fiber treatment 12/7/2015
12. 605 EP 17877485.7 Methods of pulp fiber treatment 12/7/2015
13. 1003 CA 3,000,780 Methods of pulp fiber treatment 12/7/2015
14. 1005 EP 16873753.4 Methods of pulp fiber treatment 12/7/2015
15. 1028 BR 112018011477-4 Methods of pulp fiber treatment 12/7/2015
16. 1093 BR 122021017200-5 Methods of Pulp Fiber Treatment 12/7/2015
17. 1150 US 63/280,479 Formulations for oxidation, bleaching and microbial control 11/17/2021

EXHIBIT C

Trademarks

NONE

EXHIBIT D

Domain Names

All present and future registered and unregistered domain names, including but not limited to the following:

Domain Name	Registrar	Expiration Date
cleanchemi.com	GoDaddy.com, LLC; IANA ID: 146	September 9, 2022

Foreign Registrations

Domain Name	Registration Number	Date

EXHIBIT E

Permitted Liens

NONE