PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT3250067

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	SECURITY INTEREST

CONVEYING PARTY DATA

Name	Execution Date
SWEETWATER ENERGY, INC.	01/22/2015

RECEIVING PARTY DATA

Name:	CORNERSTONE COLLATERAL CORP.
Street Address:	34 BROWNS RACE
City:	ROCHESTER
State/Country:	NEW YORK
Postal Code:	14614

PROPERTY NUMBERS Total: 23

Property Type	Number
Patent Number:	8323923
Patent Number:	8426161
Patent Number:	8529765
Patent Number:	8765430
Patent Number:	8563277
Application Number:	13793860
Application Number:	14050244
Application Number:	13947368
Application Number:	14254441
PCT Number:	US2013025457
Application Number:	13842941
PCT Number:	US2013032955
Application Number:	14340179
PCT Number:	US2013036497
Application Number:	13391303
PCT Number:	US2013054411
Application Number:	14140880
PCT Number:	US2014027850
PCT Number:	US2014033567
PCT Number:	US2014039399

Property Type	Number
Application Number:	62079797
Application Number:	61994840
Application Number:	62089704

CORRESPONDENCE DATA

Fax Number:

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:	(585) 987-2800
Email:	patents@woodsoviatt.com
Correspondent Name:	WOODS OVIATT GILMAN LLP
Address Line 1:	2 STATE STREET
Address Line 2:	700 CROSSROADS BUILDING
Address Line 4:	ROCHESTER, NEW YORK 14614

ATTORNEY DOCKET NUMBER:	CORNERSTONE - PATENTS
NAME OF SUBMITTER:	KATHERINE H. MCGUIRE, ESQ.
SIGNATURE:	/Katherine H. McGuire/
DATE SIGNED:	03/04/2015

Total Attachments: 13

source=IP-Scanner03042015102323#page1.tif
source=IP-Scanner03042015102323#page2.tif
source=IP-Scanner03042015102323#page3.tif
source=IP-Scanner03042015102323#page4.tif
source=IP-Scanner03042015102323#page5.tif
source=IP-Scanner03042015102323#page6.tif
source=IP-Scanner03042015102323#page7.tif
source=IP-Scanner03042015102323#page8.tif
source=IP-Scanner03042015102323#page9.tif
source=IP-Scanner03042015102323#page10.tif
source=IP-Scanner03042015102323#page11.tif
source=IP-Scanner03042015102323#page12.tif
source=IP-Scanner03042015102323#page13.tif

INTELLECTUAL PROPERTY SECURITY AGREEMENT

This INTELLECTUAL PROPERTY SECURITY AGREEMENT (as amended, supplemented or otherwise modified from time to time in accordance with the provisions hereof, this "Agreement"), dated as of January 22, 2015, is made and entered into by **Sweetwater Energy, Inc.**, a Delaware corporation (the "Company"), and the guarantors listed on the signature pages hereto (the "Original Guarantors"), or from time to time party hereto by execution of a joinder agreement (the "Additional Guarantors", and together with the Original Guarantors, the "Guarantors"), as grantors, pledgers, assignors and debtors (the Company, together with the Guarantors, in such capacities and together with any successors in such capacities, the "Grantors", and each a "Grantor"), in favor of **Cornerstone Collateral Corp.**, a New York corporation, in its capacity as Secured Party Secured Party pursuant to the Note and Warrant Purchase Agreement (as hereinafter defined), as pledgee, assignee and secured party (in such capacities and together with any successors in such capacities, the "Secured Party").

WHEREAS, on the date hereof, the Company, Secured Party, and the Investors listed therein (the "Investors") have executed that certain Note and Warrant Purchase Agreement dated as of the date hereof (the "Purchase Agreement") for the sale of Notes (as defined therein) of up to the aggregate principal amount of $12,000,000 (the "Loan"), evidenced by certain Promissory Notes dated as of the date hereof (the "Notes") and Secured Party has purchased one of the Notes in the aggregate principal amount of $5,000,000 which is secured by a security interest as described in this Agreement, the Purchase Agreement and the Related Documents;

WHEREAS, each Guarantor has, pursuant to the Purchase Agreement, unconditionally guaranteed the Secured Obligations (as hereinafter defined). Each Guarantor is a party to that certain Guaranty Agreement, pursuant to which they have guaranteed the Secured Obligations under the Purchase Agreement;

WHEREAS, the Company and each Guarantor will receive substantial direct and indirect benefits from the execution, delivery and performance of the obligations under the Purchase Agreement and the other Related Documents and each is, therefore, willing to enter into this Agreement;

WHEREAS, this Agreement is given by each Grantor in favor of the Secured Party to secure the payment and performance of all of the Secured Obligations;

WHEREAS, capitalized terms used but not otherwise defined herein shall have the meanings assigned to such terms in the Purchase Agreement; and

WHEREAS, it is a condition to the closing of the transactions contemplated by the Purchase Agreement that each Grantor execute and deliver this Agreement.

NOW, THEREFORE, in consideration of the mutual covenants, terms and conditions set forth herein, and for other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the parties agree as follows:

1. Grant of Security Interest. As collateral security for the prompt and complete payment and performance of all indebtedness, liabilities, and obligations of every kind or nature, whether absolute or contingent, primary or secondary, direct or indirect, joint or several, and

whether heretofore or hereafter created, arising, or existing or at any time due and owing from the Grantor (whether as maker, endorser, drawer, acceptor, guarantor, accommodation party or otherwise) to Secured Party under the Purchase Agreement, the Notes and every other Related Documents (including all sums expended by the Secured Party for protection of its interests hereunder and thereunder such as payments made for taxes, insurance, and expenses of collection) (collectively, the "Secured Obligations"), Grantor hereby grants a security interest in all of Grantor's right, title and interest in, to and under the registered and unregistered intellectual property collateral owned by it (all of which shall collectively be called the "Intellectual Property Collateral"), including, without limitation, the following:

(a) Any and all copyright rights, copyright applications, copyright registrations and like protections in each work or authorship and derivative work thereof, whether published or unpublished, registered or unregistered, 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 Schedule A attached hereto (collectively, the "Copyrights");

(b) Any and all trade secret rights, including any rights to unpatented inventions, know-how, operating manuals, license rights and agreements, and confidential information, and any and all intellectual property rights in computer software and computer software products now or hereafter existing, created, acquired or held;

(c) Any and all design rights which may be available to Grantor now or hereafter existing, created, acquired or held;

(d) All patents, 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 Schedule B attached hereto (collectively, the "Patents");

(e) Any trademark and service mark rights, slogans, trade dress, and trade names, trade styles, whether registered or not, applications to register and registrations of the same and like protections, and the entire goodwill of the business of Grantor connected with and symbolized by such trademarks, including without limitation those set forth on Schedule C attached hereto (collectively, the "Trademarks");

(f) Any and all claims for damages by way of past, present and future infringements 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;

(g) All licenses or other rights to use any of the Copyrights, Patents or Trademarks, and all license fees and royalties arising from such use to the extent permitted by such license or rights, including, without limitation those material licenses set forth on Exhibit D attached hereto (collectively, the "Licenses"); and

(h) All amendments, extensions, renewals and extensions of any of the Copyrights, Trademarks, or Patents; and

(i) All proceeds and products of the foregoing, including without limitation all payments under insurance or any indemnity or warranty payable in respect of any of the foregoing.

Notwithstanding the foregoing, the term "Collateral" as used in this Agreement shall not include "intent-to-use" trademarks at all times prior to the first use thereof, whether by the actual use thereof in commerce, the recording of a statement of use with the United States Patent and Trademark Office or otherwise, but only to the extent the granting of a security interest in such "intent to use" trademarks would affect Grantor's rights to such trademarks under applicable law.

2. Authorization and Request. Grantor authorizes and requests that the Register of Copyrights and the Commissioner of Patents and Trademarks record this Agreement, and any amendments thereto, or copies thereof.

3. Representations and Warranties. Each Grantor represents, warrants, jointly and severally with the other Grantors, as follows:

(a) At the time the Intellectual Property Collateral becomes subject to the lien and security interest created by this Agreement, the Grantor will be the sole, direct, legal and beneficial owner thereof, free and clear of any lien, security interest, encumbrance, claim, option or right of others, except for the security interest created by this Agreement and Permitted Liens.

(b) The pledge of the Intellectual Property Collateral pursuant to this Agreement created a valid and perfected security interest in the Intellectual Property Collateral, securing the payment and performance when due of the Secured Obligations.

(c) It has all requisite corporate power and authority to execute and deliver this Agreement and pledge the Intellectual Property Collateral pursuant to this Agreement.

(d) This Agreement has been duly authorized, executed and delivered by the Grantor and constitutes a legal, valid and binding obligation of the Grantor enforceable in accordance with its terms, subject to applicable bankruptcy, insolvency, reorganization, moratorium or other similar laws affecting creditors' rights generally and subject to equitable principles (regardless of whether enforcement is sought in equity or at law).

(e) Grantor shall advise Secured Party promptly of any subsequent ownership right of the Grantor in or to any Trademark, Patent, or Copyright, specified in this Agreement;

(f) No authorization, approval or other action by, and no notice to or filing with, any governmental authority or regulatory body is required for the borrowing of the Loans and the pledge by the Grantor of the Intellectual Property Collateral pursuant to this Agreement or for the execution and delivery of this Agreement by the Grantor or the performance by the Grantor of its obligations thereunder;

(g) Grantor shall not enter into any agreement that would materially impair or conflict with Grantor's obligations hereunder without Secured Party's prior written consent. Grantor shall not permit the inclusion in any material contract to which it becomes a party of any provisions that could or might in any way prevent the creation of a security interest in Grantor's rights and interest in any property included within the definition of the Intellectual Property Collateral acquired under such contracts.

(h) Grantor will notify Secured Party, as soon as possible and in any case within five (5) days, in writing of any event that materially adversely affects the value of the Intellectual Property Collateral, the ability of Grantor to dispose of any material Intellectual Property Collateral or the rights and remedies of the Secured Party in relation thereto, including the levy of any legal process against any of the Intellectual Property Collateral.

4. Perfection of Security Interest and Further Assurances.

(a) The Grantors shall, from time to time, as may be required by the Secured Party, to perfect the security interest of the Secured Party in all Copyrights, Patents, or Trademarks, and otherwise to carry out the intent and purposes of this Agreement, or for assuring and confirming to the Secured Party the grant or perfection of a security interest in all Intellectual Property Collateral, provided that Grantor shall not be required to register any Intellectual Property Collateral that Grantor determines, consistent with reasonable business practice, need not be registered.

(b) In addition to Section 4(a) above, Grantor shall not register any Copyrights in the United States Copyright Office unless it: (i) has given at least fifteen (15) days' prior written notice to Secured Party of its intent to register such Copyrights and has provided Secured Party with a copy of the application it intends to file with the United States Copyright Office (excluding exhibits thereto); (ii) executes a security agreement or such other documents as Secured Party may reasonably request in order to maintain the perfection and priority of Secured Party's security interest in the Copyrights proposed to be registered with the United States Copyright Office; and (iii) records such security documents with the United States Copyright Office contemporaneously with filing the Copyright application(s) with the United States Copyright Office. Grantor shall promptly provide to Secured Party with evidence of the recording of the security documents necessary for Secured Party to maintain the perfection and priority of its security interest in such Copyrights. Grantor shall provide written notice to Secured Party of any application filed by Grantor in the United States Patent Trademark Office for a patent or to register a trademark or service mark within thirty (30) days of any such filing.

(c) Grantor appoints Secured Party as Grantor's attorney-in-fact, with full authority in the place and stead of Grantor and in the name of Grantor, Secured Party or otherwise, from time to time in Secured Party's discretion, upon Grantor's failure or inability to do so, to take any action and to execute any instrument which Secured Party may deem reasonably necessary or advisable to accomplish the purposes of this Agreement, including:

(i) To modify, in its sole discretion, this Agreement without first obtaining Grantor's approval of or signature to such modification by amending Schedule A, Schedule B, Schedule C and Schedule D hereof, as appropriate, to include reference to any right, title or interest in any Copyrights, Patents, Trademarks or Licenses acquired by Grantor after the execution hereof or to delete any reference to any right, title or interest in any Copyrights, Patents, Trademarks or Licenses in which Grantor no longer has or claims any right, title or interest; and

(ii) To file, in its sole discretion, one or more financing or continuation statements and amendments thereto, or other notice filings or notations in appropriate filing offices, relative to any of the Intellectual Property Collateral, without notice to Grantor, with all appropriate jurisdictions, as Secured Party deems appropriate, in order to perfect or protect Secured Party's interest in the Intellectual Property Collateral.

5. Events of Default. The occurrence of an Event of Default under the Purchase Agreement shall constitute an Event of Default under this Agreement.

6. Remedies. Upon the occurrence and during the continuance of an Event of Default, Secured Party shall have the right to exercise all the remedies of a secured party under the New York Uniform Commercial Code, including without limitation the right to require Grantor to assemble the Intellectual Property Collateral and any tangible property in which Secured Party has a security interest and to make it available to Secured Party at a place designated by Secured Party. Secured Party shall have a nonexclusive, royalty free license to use the Copyrights, Patents, and Trademarks, to the extent reasonably necessary to permit Secured Party to exercise its rights and remedies upon the occurrence and during the continuance of an Event of Default. Grantor will pay any expenses (including reasonable attorney's fees) incurred by Secured Party in connection with the exercise of any of Secured Party's rights hereunder, including without limitation any expense incurred in disposing of the Intellectual Property Collateral in accordance with the terms hereof. All of Secured Party's rights and remedies with respect to the Intellectual Property Collateral shall be cumulative.

7. Indemnity. Grantor agrees to defend, indemnify and hold harmless Secured Party and its officers, employees, and agents (each an "Indemnified Person") against: (a) all obligations, demands, claims, and liabilities (collectively, "Claims") claimed or asserted by any other party in connection with the transactions contemplated by this Agreement, and (b) all losses or expenses in any way suffered, incurred, or paid by Secured Party as a result of or in any way arising out of, following or consequential to transactions between Secured Party and Grantor under this Agreement (including without limitation, reasonable attorneys' fees and reasonable expenses) except to the extent any Claims arise solely from or out of an Indemnified Person's gross negligence or willful misconduct.

8. Additional Guarantors. The Grantors shall cause each Subsidiary of the Company which, from time to time, after the date hereof shall be required to pledge any assets to the Secured Party for the ratable benefit of the Secured Party pursuant to the provisions of the Purchase Agreement, to execute and deliver to the Secured Party a Joinder Agreement within 30 days of the date on which it was acquired or created and, upon such execution and delivery, such Subsidiary shall constitute a "Grantor" for all purposes hereunder with the same force and effect as if originally named as a Grantor herein. Upon the execution and delivery by any Subsidiary of a Joinder Agreement, the supplemental schedules attached to such Joinder Agreement shall be incorporated into and become part of and supplement the Schedules to this Agreement and each reference to such Schedules shall mean and be a reference to such Schedules as supplemented pursuant to each Joinder Agreement and from time to time. The execution and delivery of such Joinder Agreement shall not require the consent of any Grantor hereunder. The rights and obligations of each Grantor hereunder shall remain in full force and effect notwithstanding the addition of any new Grantor as a party to this Agreement.

9. Continuing Security Interest; Further Actions. This Agreement shall create a continuing lien and security interest in the Collateral and shall (a) remain in full force and effect until payment and performance in full of the Secured Obligations, (b) be binding upon the Grantor, its successors and assigns, and (c) inure to the benefit of the Secured Party and its successors, transferees and assigns; provided that the Grantor may not assign or otherwise transfer any of its rights or obligations under this Agreement without the prior written consent of the Secured Party. Without limiting the generality of the foregoing clause (c), any assignee of

the Secured Party's interest in the Notes shall become vested with all the benefits granted to the Secured Party herein with respect to such Secured Obligations.

10. Termination; Release. This Agreement shall terminate on the indefeasible payment in full in cash (or cash equivalents acceptable to Secured Party in its sole and absolute discretion) of all the Obligations Related to Debt (as defined in the Purchase Agreement). On the date on which the Obligations Related to Debt have been paid in full as set forth in the preceding sentence, the Secured Party will, at the request and sole expense of the Grantor, (a) duly assign, transfer and deliver to or at the direction of the Grantor (without recourse and without any representation or warranty) such of the Intellectual Property Collateral as may then remain in the possession of the Secured Party , together with any monies at the time held by the Secured Party hereunder, and (b) execute and deliver to the Grantor a proper instrument or instruments acknowledging the satisfaction and termination of this Agreement.

11. Successors and Assigns. The terms and conditions of this Agreement shall inure to the benefit of and be binding upon the respective successors and assigns of the Parties hereto. This Agreement may not be assigned by the Grantor without the prior written consent of the Secured Party. Nothing in this Agreement, express or implied, is intended to confer upon any party, other than the Parties hereto or their respective successors and assigns, any rights, remedies, obligations or liabilities under or by reason of this Agreement. Any purported assignment in contravention of this Section shall be void

12. Notices. Any notice or other communication required or permitted to be delivered to any Party under this Agreement shall be in writing and shall be deemed properly delivered, given and received when delivered to a party in accordance with Section 8.5 of the Purchase Agreement.

13. Waiver of Jury Trial, Service of Process. THE PARTIES HEREBY EXPRESSLY WAIVE THE RIGHT TO A TRIAL BY JURY IN ANY ACTION OR PROCEEDING BROUGHT BY OR AGAINST THEM RELATING TO THIS AGREEMENT. THE PARTIES ACKNOWLEDGE THAT THIS AGREEMENT INVOLVES COMPLEX TRANSACTIONS AND THAT DISPUTES HEREUNDER WILL BE MORE QUICKLY AND ECONOMICALLY RESOLVED BY AN EXPERIENCED AND EXPERT DECISION MAKER. ACCORDINGLY, THE PARTIES AGREE, BASED ON THE ADVICE OF THEIR COUNSEL, THAT ANY DISPUTE HEREUNDER BE RESOLVED BY A JUDGE APPLYING APPLICABLE LAW. PROCESS IN ANY SUCH SUIT, ACTION OR PROCEEDING MAY BE SERVED ON ANY PARTY ANYWHERE IN THE WORLD, WHETHER WITHIN OR WITHOUT THE JURISDICTION OF ANY SUCH COURT

14. Governing Law. This Agreement will be governed by, and construed in accordance with, the internal laws of the State of New York regardless of the laws that might otherwise govern under applicable principles of conflict of laws. The Parties (a) hereby irrevocably agree that any suit, action or other proceeding arising out of or based upon this Agreement brought by any other Party or its successors or assigns shall be exclusively venued in the state and federal courts located in Monroe County, New York, (b) agree not to commence any suit, action or other proceeding arising out of or based upon this Agreement except in accordance with clause (a) above, and (c) hereby waive, and agree not to assert, by way of motion, as a defense, or otherwise, in any such suit, action or proceeding, any claim that it is not subject personally to the jurisdiction of the above-named courts, that its property is exempt or immune from attachment or execution, that the suit, action or proceeding is brought in an

inconvenient forum, that the venue of the suit, action or proceeding is improper or that this Agreement or the subject matter hereof may not be enforced in or by such court.

15. Severability. Any term or provision of this Agreement that is invalid or unenforceable in any situation in any jurisdiction shall not affect the validity or enforceability of the remaining terms and provisions hereof or the validity or enforceability of the offending term or provision in any other situation or in any other jurisdiction. If the final judgment of a court of competent jurisdiction declares that any term or provision hereof is invalid or unenforceable, the Parties agree that the court making such determination shall have the power to limit the term or provision, to delete specific words or phrases, or to replace any invalid or unenforceable term or provision with a term or provision that is valid and enforceable and that comes closest to expressing the intention of the invalid or unenforceable term or provision, and this Agreement shall be enforceable as so modified. In the event such court does not exercise the power granted to it in the prior sentence, the Parties agree to replace such invalid or unenforceable term or provision with a valid and enforceable term or provision that will achieve, to the extent possible, the economic, business and other purposes of such invalid or unenforceable term.

16. Entire Agreement. This Agreement and the Related Documents and the Exhibits and Schedules hereto and thereto, once fully executed, constitute the entire agreement among the Parties hereto pertaining to the subject matter hereof and thereof and supersede all prior agreements, term sheets, letters, discussions and understandings of the Parties in connection herewith.

17. Amendments and Waivers. Any of the terms, covenants, representations, warranties or conditions hereof may be waived, only by a written instrument executed by all parties hereto then in existence. The failure of any party at any time or times to require performance of any provisions hereof will not affect its right at a later time to enforce the same. No waiver by any party of any condition, or of any breach of any term, covenant, representation or warranty contained in this Agreement will be deemed to be or construed as a further or continuing waiver of any such condition or breach or a waiver of any other condition or of any breach of any other term, covenant, representation or warranty.

18. Counterparts. This Agreement may be executed in several counterparts, each of which shall constitute an original and all of which, when taken together, shall constitute one agreement. The exchange of a fully executed Agreement (in counterparts or otherwise) by facsimile transmission or electronic transmission in .PDF format shall be sufficient to bind the Parties to the terms and conditions of this Agreement and shall be deemed to be duplicate original documents and may be used by all Parties for all purposes an original document may be used for and all signatures on such documents shall be deemed and treated for all purposes as original signatures. Execution and delivery of this Agreement by exchange of facsimile or other electronically transmitted counterparts bearing the signature of a Party shall be equally as effective as delivery of a manually executed counterpart of such Party.

19. Supremacy Clause. In the event of a conflict between this Agreement, the Purchase Agreement and/or the Note, the Purchase Agreement shall control. In the event of a conflict between the provisions of the Note and the Purchase Agreement the provisions of the Note shall control.

[Signature Pages Follows]

[Signature Page to Intellectual Property Security Agreement]

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

SWEETWATER ENERGY, INC.

By: __________________________
Name: Keith Wilson
Title: Chief Financial Officer

[Signature Page to Intellectual Property Security Agreement]

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

CORNERSTONE COLLATERAL CORP.,

By: ______________________
Name: Benton B. Kendig, III
Title: President

CONFIDENTIAL
SWEETWATER PENDING/ALLOWED/ISSUED PATENTS

TITLE	COUNTRY	FILING DATE/APPLICATION	STATUS	PATENT NO.	TYPE
METHOD AND SYSTEM FOR PRODUCING ETHANOL	United States	[illegible]	Expired		Utility: Provisional
	United States	[illegible]	Issued	[illegible]	Utility: Non-Provisional
	United States	[illegible]	[illegible]	[illegible]	Utility: Non-Provisional
	United States	[illegible]	Pending		Utility: Non-Provisional
ENSILING BIOMASS FOR BIOFUELS PRODUCTION AND MULTIPLE PHASE APPARATUS FOR HYDROLYZATION OF ENSILED BIOMASS	United States	[illegible]	Expired		Utility: Provisional
	United States	[illegible]	Pending		Utility: Non-Provisional
	United States	[illegible]	Issued	[illegible]	Utility: Non-Provisional
	United States	[illegible]	Pending		Utility: Non-Provisional
	WIPO	[illegible]	Expired		Utility: PCT
	Canada	[illegible]	Pending		Utility: Non-Provisional
PRODUCTION IMPROVEMENTS USING USED PRECURSOR HYDROLYZATE ADDITIVES	United States	[illegible]	Expired		Utility: Provisional
ENSILING BIOMASS FOR SUGAR PRODUCTION USING SINGLE PATH MULTIPLE PHASE REACTIONS	United States	[illegible]	Expired		Utility: Provisional
METHODS AND PRODUCTS FOR ENHANCING FERMENTATION OF STARCH AND SUGAR-BASED FEEDSTOCKS	United States	[illegible]	Expired		Utility: Provisional
	United States	[illegible]	Issued	[illegible]	Utility: Non-Provisional
	United States	[illegible]	Pending		Utility: Non-Provisional
	WIPO	[illegible]	Pending		Utility: PCT
	Australia	[illegible]	Pending		Utility
	Brazil	[illegible]	Pending		Utility
	Canada	[illegible]	Pending		Utility
	Europe	[illegible]	Pending		Utility
	New Zealand	[illegible]	Pending		Utility
	South Africa	[illegible]	Pending		Utility
ENHANCED FERMENTATION FROM PRETREATMENT PRODUCTS	United States	[illegible]	Expired		Utility: Provisional
	United States	[illegible]	Pending		Utility: Non-Provisional
	WIPO	[illegible]	Pending		Utility: PCT
REDUCED ENZYME LOADS FOR SACCHARIFICATION	United States	[illegible]	Expired		Utility: Provisional
	United States	[illegible]	Issued	[illegible]	Utility: Non-Provisional
REDUCED ENZYME LOADS FOR FERMENTATION	United States	[illegible]	Expired		Utility: Provisional
	United States	[illegible]	Abandoned		Utility: Non-Provisional
	United States	[illegible]	Pending		Utility: Non-Provisional
	WIPO	[illegible]	Pending		Utility: PCT
	Australia	[illegible]	Pending		Utility
	Brazil	[illegible]	Pending		Utility
	Canada	[illegible]	Pending		Utility
	Europe	[illegible]	Pending		Utility
	New Zealand	[illegible]	Pending		Utility
	South Africa	[illegible]	Pending		Utility
ENHANCEMENT OF ETHANOL FERMENTATION BY YEAST	United States	[illegible]	Expired		Utility: Provisional
METHODS AND COMPOSITIONS FOR PRODUCING SUGAR STREAMS	United States	[illegible]	Expired		Utility: Provisional
PRESERVATION OF BIOMASS FOR PRETREATMENT	United States	[illegible]	Expired		Utility: Provisional
	United States	[illegible]	Pending		Utility: Non-Provisional
OPTIMIZED PRETREATMENT OF BIOMASS	United States	[illegible]	Expired		Utility: Provisional
	WIPO	[illegible]	Pending		Utility: PCT
INTEGRATED WOOD PROCESSING AND SUGAR PRODUCTION	United States	[illegible]	Expired		Utility: Provisional
COMBINED BIORESOURCES AND BIOPROCESSING	United States	[illegible]	Expired		Utility: Provisional
	United States	[illegible]	Pending		Utility: Non-Provisional
CARBON PURIFICATION OF CONCENTRATED SUGAR STREAMS DERIVED FROM PRETREATED BIOMASS	United States	[illegible]	Expired		Utility: Provisional
	WIPO	[illegible]	Pending		Utility: PCT
INCREASED PRODUCTIVITY DURING FERMENTATION	United States	[illegible]	Expired		Utility: Provisional
	WIPO	[illegible]	Pending		Utility: PCT
SUGAR SEPARATION AND PURIFICATION FROM BIOMASS	United States	[illegible]	Expired		Utility: Provisional
	United States	[illegible]	Pending		Utility: PCT
[illegible] PRODUCTS FROM PLANT CELL CULTURES	United States	[illegible]	Expired		Utility: Provisional
	United States	[illegible]	Pending		Utility: Provisional
SUGAR SEPARATION AND PURIFICATION THROUGH FILTRATION	United States	[illegible]	Pending		Utility: Provisional
RAPID PRETREATMENT	United States	[illegible]	Pending		Utility: Provisional

{2849525:2 }

SCHEDULE C

Trademarks

Description	Registration/ Application Number	Registration/ Application Date

CONFIDENTIAL

SWEETWATER PENDING/ALLOWED/REGISTERED TRADEMARKS

MARK	COUNTRY	CLASSES	APPL DATE	APPL NO	REGIS DATE	REGIS NO	STATUS
SWEETWATER ENERGY	CTM (Europe)	1, 4, 40, 42	[illegible]	[illegible]	[illegible]	[illegible]	Registered
SWEETWATER ENERGY	United States	1, 4, 40, 42	[illegible]	[illegible]		4,676,690	[illegible] Registered
BETTER SUGARS. BETTER RESULTS.	United States	1, 4	6/12/12	[illegible]		4,664,464	[illegible]
BETTER SUGARS. BETTER RESULTS.	United States	40, 42	6/12/12	[illegible]		4,675,724	[illegible]
CIRCLE SWIRL DESIGN	United States	1, 4, 40, 42	6/12/12	[illegible]		4,660,009	[illegible]

{2649525:2}

SCHEDULE D

Licenses