OP \$690.00 168875

TRADEMARK ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 ETAS ID: TM326724

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	SECURITY INTEREST

CONVEYING PARTY DATA

Name	Formerly	Execution Date	Entity Type
GL&V USA Inc.		12/15/2014	CORPORATION:
GL&V LUXEMBOURG S.A.R.L.		12/15/2014	Societe a responsabilite limitee: LUXEMBOURG

RECEIVING PARTY DATA

Name:	NATIONAL BANK OF CANADA
Street Address:	1155 Metcalfe Street, 5th Floor
City:	Montreal, Quebec
State/Country:	CANADA
Postal Code:	H3B 4S9
Entity Type:	National Bank: CANADA

PROPERTY NUMBERS Total: 27

Property Type	Number	Word Mark
Registration Number:	1688752	ULTRA FLOW
Registration Number:	3008651	ALBIA
Registration Number:	0768418	BARRACUDA
Registration Number:	0797750	CAMERON
Registration Number:	3274439	CELLECO TWISTER
Registration Number:	3825053	CENTERDISC
Registration Number:	3246710	CLEANPAC
Registration Number:	2925374	CLEANVAC
Registration Number:	2801605	COMPACT PRESS
Registration Number:	3090210	CORU-DEK
Registration Number:	1291871	DD
Registration Number:	2723112	DUALDMIX
Registration Number:	3806376	DUALOMIX
Registration Number:	4152679	DUALSMIX
Registration Number:	2082954	DUFLO
Registration Number:	3192005	EQUA-FLO
Registration Number:	2878656	HI-Q
Registration Number:	2585824	HYDRA-SIZER

900310533 REEL: 005422 FRAME: 0699

TRADEMARK

Property Type	Number	Word Mark
Registration Number:	2826679	JETMIXER
Registration Number:	0800667	POLYDISK
Registration Number:	0780952	SHARK
Registration Number:	4249780	SLIDEPAC
Registration Number:	2925331	STINGRAY
Registration Number:	2806471	TRI-O
Registration Number:	3274438	WELLDRAIN
Registration Number:	2793681	GL&V
Registration Number:	2804044	GL&V

CORRESPONDENCE DATA

Fax Number: 7136515246

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: 713-651-5567

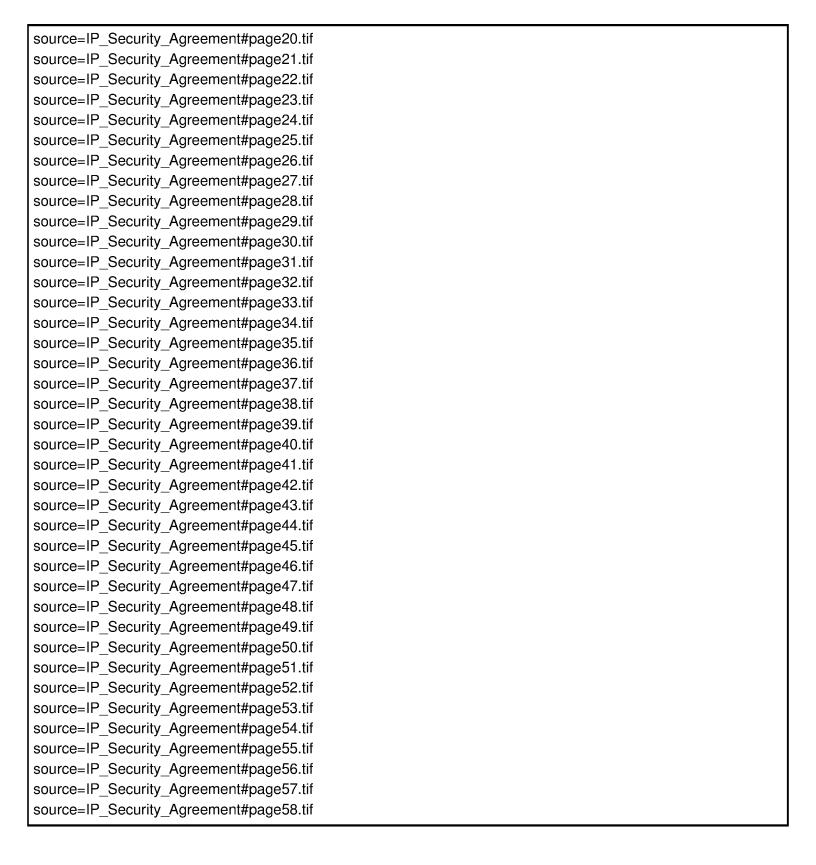
Email: annie.aymond@nortonrosefulbright.com
Correspondent Name: Fulbright & Jaworski LLP / Annie Aymond

Address Line 1: 1301 McKinney Street
Address Line 4: Houston, TEXAS 77010

ATTORNEY DOCKET NUMBER:	11411188-PROJECTBIRCH GLV	
NAME OF SUBMITTER:	Annie Aymond	
SIGNATURE:	/Annie Aymond/	
DATE SIGNED:	12/19/2014	

Total Attachments: 58

source=IP Security Agreement#page1.tif source=IP_Security_Agreement#page2.tif source=IP Security Agreement#page3.tif source=IP_Security_Agreement#page4.tif source=IP_Security_Agreement#page5.tif source=IP Security_Agreement#page6.tif source=IP Security Agreement#page7.tif source=IP Security Agreement#page8.tif source=IP_Security_Agreement#page9.tif source=IP Security Agreement#page10.tif source=IP Security Agreement#page11.tif source=IP_Security_Agreement#page12.tif source=IP_Security_Agreement#page13.tif source=IP Security Agreement#page14.tif source=IP Security Agreement#page15.tif source=IP_Security_Agreement#page16.tif source=IP Security Agreement#page17.tif source=IP Security Agreement#page18.tif source=IP_Security_Agreement#page19.tif



INTELLECTUAL PROPERTY SECURITY AGREEMENT

THIS INTELLECTUAL PROPERTY SECURITY AGREEMENT (this "Agreement"), is made as of December 15, 2014, by each of GL&V USA INC. and GL&V LUXEMNBOURG S.A.R.L., (collectively, the "Grantors" and each, individually, a "Grantor"), for the benefit of NATIONAL BANK OF CANADA, as Administrative Agent acting both on its own behalf and on behalf of the other Finance Parties under the Credit Agreement referred to below (in such capacity, together with any successor Administrative Agent under the Credit Agreement, the "Secured Party").

RECITALS:

WHEREAS, 9027173 Canada Inc. (now known as GL&V Canada Inc.), as borrower (the "Borrower"), National Bank of Canada, as Administrative Agent, and the lenders from time to time parties thereto (collectively, the "Lenders") are parties to a credit agreement dated as of November 28, 2014 (as amended, restated, supplemented or otherwise modified from time to time, including by way of any amendment resulting in any increase of the facilities made available thereby, the "Credit Agreement") pursuant to which the Lenders have agreed to make available to the Borrower the Credit Facilities in an aggregate principal amount of CDN \$65,000,000 or the equivalent amount in other currencies;

WHEREAS, each Grantor is an affiliate of the Borrower and benefits from the extension of credit pursuant to the Credit Agreement; and

WHEREAS, the execution and delivery of this Agreement by each Grantor is a requirement under the Credit Agreement.

AGREEMENT:

NOW, THEREFORE, in consideration of the foregoing and as an inducement to Finance Parties to enter into the Credit Agreement and extend credit to the Borrower, and for other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the parties hereto agree as follows:

1. <u>Defined Terms</u>. Unless otherwise defined herein, terms which are defined in the Credit Agreement and used herein are so used as so defined, and the following terms shall have the following meanings:

Agreement means this Intellectual Property Security Agreement, as amended, restated, amended and restated, supplemented or otherwise modified from time to time.

Collateral has the meaning assigned to it in *Section 2* of this Agreement.

Commodity Exchange Act means the Commodity Exchange Act (7 U.S.C. § 1 et seq.), as amended from time to time, and any successor statute.

Copyrights means all types of protective rights granted (or applications therefor) for any work that constitutes copyrightable subject matter, including without limitation, literary works, musical works, dramatic works, pictorial, graphic and sculptural works, motion pictures and other audiovisual works, sound recordings, architectural works, in any country of the world and including, without limitation, any works referred to in **Schedule A** attached hereto.

Copyright License means any agreement material to the operation of any Grantor's businesses, whether written or oral, providing for the grant by or to such Grantor of any right to reproduce a copyrighted work, to prepare derivative works based on a copyrighted work, to distribute copies of a copyrighted work, to perform a copyrighted work or to display a copyrighted work, or to engage in any other legally protected activity with respect to a copyrighted work including, without limitation, any thereof referred to in **Schedule A** attached hereto.

Excluded Swap Obligation means, with respect to any Grantor, any Swap Obligation if, and to the extent that, all or a portion of the guarantee of such Grantor of, or the grant by such Grantor of a security interest to secure, such Swap Obligation (or any guarantee thereof) is or becomes illegal under the Commodity Exchange Act or any rule, regulation or order of the Commodity Futures Trading Commission (or the application or official interpretation of any thereof) by virtue of such Grantor's failure for any reason to constitute an "eligible contract participant" as defined in the Commodity Exchange Act at the time the guarantee of such Grantor becomes effective with respect to such related Swap Obligation.

Intellectual Property means all Patent Applications, Patents, Patent Licenses, Trademark Applications, Trademarks, Trademark Licenses, Copyrights, Copyright Licenses, Trade Secrets, Inventions, Know-how and other proprietary property or technology, and agreements relating thereto, including, without limitation, any and all improvements and future developments material to the operation of any Grantor's businesses, as defined herein and/or referred to in Schedule A attached hereto.

Invention means any new and useful process, machine, manufacture, or composition of matter, or any new and useful improvement thereof that is material to the operation of any Grantor's businesses and developed by any Grantor, its employees or agents, whether or not the subject of Patent(s) or Patent Application(s).

Know-how means any knowledge or information that is material to any Grantor's business and that enables such Grantor to operate its business with the accuracy, efficiency or precision necessary for commercial success, including, without limitation, any such knowledge or information referred to in **Schedule A** attached hereto.

Obligations means, in relation to each Grantor, all present and future indebtedness, liabilities and obligations of such Grantor to the Finance Parties and the Secured Party under or arising from the Credit Agreement and any other Operative Document or any agreement or document relating thereto, in each case, as amended, restated, supplemented or otherwise modified from time to time; howsoever evidenced,

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created, incurred or acquired, whether primary, secondary, direct, contingent, or joint and several, including, without limitation, all obligations and liabilities incurred in connection with collecting and enforcing the foregoing, including the Secured Obligations, excluding, however, any Excluded Swap Obligation.

Other Proprietary Property means all types of protectable intangible property rights other than Patents, Trademarks and Copyrights, including without limitation, Trade Secrets, Know-how, computer software and the like, including, without limitation, all such rights referred to in *Schedule A* attached hereto.

Patents means all types of exclusionary or protective rights granted (or applications therefor) for inventions in any country of the world (including, without limitation, letters patent, plant patents, utility models, breeders' right certificates, inventor's certificates and the like), and all reissues and extensions thereof and all provisionals, divisions, continuations and continuations-in-part thereof, including, without limitation, all such rights referred to in **Schedule A** attached hereto.

Patent License means any agreement material to the operation of any Grantor's business, whether written or oral, providing for the grant by or to such Grantor of any right to manufacture, use or sell any Invention covered by a Patent, including, without limitation, any thereof referred to in **Schedule A** attached hereto.

Proceeds means "proceeds," as such term is defined in Section 9-102(a)(64) of the UCC and, to the extent not included in such definition, shall include, without limitation, (a) any and all proceeds of any insurance, indemnity, warranty, guaranty or letter of credit payable to any Grantor, from time to time with respect to any of the Collateral, (b) all payments (in any form whatsoever) paid or payable to any Grantor from time to time in connection with any taking of all or any part of the Collateral by any governmental authority or any Person acting under color of governmental authority), (c) all judgments in favor of any Grantor in respect of the Collateral and (d) all other amounts from time to time paid or payable or received or receivable under or in connection with any of the Collateral.

Swap Obligation means, with respect to any Grantor, any obligation to pay or perform under any agreement, contract or transaction that constitutes a "swap" within the meaning of section 1a(47) of the Commodity Exchange Act.

Trade Secret means any scientific or technical information, design, process, pattern, procedure, formula or improvement which is secret and of value including, without limitation, any such information referred to in *Schedule A* attached hereto.

Trademarks means (a) all trademarks, service marks, trade names, corporate names, company names, business names, fictitious business names, trade styles, service marks, logos, designs and general intangibles of like nature, and other sources of business identifiers used in any country in the world, whether registered or unregistered, and the goodwill associated therewith, now existing and material to the businesses of any Grantor or hereafter acquired, and (b) all registrations, recordings and renewals thereof, and all

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applications in connection therewith, issued by or filed in a national, state or local governmental authority of any country, including, without limitation, all such rights referred to in *Schedule A* attached hereto.

Trademark License means any agreement, material to the businesses of any Grantor, written or oral, providing for the grant by or to such Grantor of any right to use any Trademark, including, without limitation, any thereof referred to in **Schedule A** attached hereto.

UCC means the Uniform Commercial Code as from time to time in effect in the State of New York.

- 2. Grant of Security Interest. As collateral security for the prompt and complete payment and performance when due (whether at the stated maturity, by acceleration or otherwise) of the Obligations and any and all other covenants and obligations of each Grantor under the Operative Documents, each Grantor hereby assigns and grants to the Secured Party for the ratable benefit of itself and the Finance Parties a continuing security interest in all of such Grantor's right, title and interest in and to the Intellectual Property now owned or at any time hereafter acquired by such Grantor or in which such Grantor now has or at any time in the future may acquire any right, title or interest (collectively, the "Collateral"), including but not limited to all Intellectual Property referred to Schedule A attached hereto and all Proceeds and products of any and all of the Intellectual Property.
- **3.** Representations and Warranties Concerning the Intellectual Property. Each Grantor represents and warrants that:
 - (a) **Schedules** A attached hereto include all Intellectual Property and Other Proprietary Property owned by such Grantor in its own name or as to which such Grantor has any colorable claim of ownership that are material to the business of such Grantor as of the date hereof.
 - (b) Such Grantor is the sole legal and beneficial owner of the entire right, title and interest in and to the Intellectual Property and the Other Proprietary Property, and/or has the unrestricted right to use all such Intellectual Property and Other Proprietary Property pursuant to a valid license or other agreement.
 - (c) Such Grantor's rights in and to the Intellectual Property are valid, subsisting, unexpired, enforceable and have not been abandoned.
 - (d) All licenses, franchise agreements and other agreements conveying rights in and to the Intellectual Property and Other Proprietary Property are identified on *Schedule A* attached hereto.
- **4.** <u>Covenants.</u> Each Grantor covenants and agrees with the Secured Party that, from and after the date of this Agreement until the Obligations are paid in full:
 - (a) From time to time, upon the written request of the Secured Party, and at the sole expense of the Grantors, such Grantor will promptly and duly execute and

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deliver such further instruments and documents and take such further action as the Secured Party may reasonably request for the purpose of obtaining or preserving the full benefits of this Agreement and of the rights and powers herein granted, including, without limitation, the filing of any financing or continuation statements under the UCC in effect in any jurisdiction with respect to the Liens created hereby. Such Grantor also hereby authorizes the Secured Party to file any such financing or continuation statement without the signature of such Grantor to the extent permitted by applicable law, which financing or continuation statements may indicate the Collateral as "all assets of debtor," "the Collateral described in the Intellectual Property Security Agreement" or words of similar effect, regardless of whether any particular asset comprised in the Collateral falls within the scope of Article 9 of the UCC of the jurisdiction wherein such financing statement or amendment is filed, or as being of an equal or lesser scope or with greater detail, and contain any other information required by Article 9 of the UCC of the jurisdiction wherein such financing statement or amendment is filed regarding the sufficiency or filing office acceptance of any financing statement or amendment. A carbon, photographic or other reproduction of this Agreement shall be sufficient as a financing statement for filing in any jurisdiction.

- (b) Upon the request of the Secured Party, such Grantor shall execute and deliver any and all reasonably necessary agreements, instruments, documents, and papers as the Secured Party may request to evidence the Secured Party's security interest in any newly filed Patent, Copyright or Trademark and the goodwill and general intangibles of such Grantor relating thereto or represented thereby, and such Grantor hereby constitutes the Secured Party its attorney-in-fact to execute and file all such writings for the foregoing purposes, all acts of such attorney being hereby ratified and confirmed; such power being coupled with an interest is irrevocable until the Obligations are paid in full.
- (c) If requested by the Secured Party, such Grantor will furnish to the Secured Party statements, schedules and an inventory identifying and describing the Collateral, including without limitation, all Intellectual Property acquired subsequent to the date of this Agreement and not identified on *Schedule A* attached hereto, all transfers, assignments, licenses or sub-licenses of the Collateral by such Grantor, and such other information in connection with the Collateral as the Secured Party may reasonably request, all in reasonable detail. Any such Intellectual Property shall automatically become part of the Collateral.
- (d) At any time after the date of this Agreement, one or more additional Persons may become parties hereto by executing and delivering to the Secured Party a Joinder Agreement or a counterpart of this Agreement, together with supplements to the Schedules hereto setting forth all relevant information with respect to such party as of the date of such delivery. Immediately upon such execution and delivery (and without any further action), each such additional Person will become a party to, and will be bound by all the terms of, this Agreement.

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5. The Secured Party's Appointment as Attorney-in-Fact.

- (a) Each Grantor hereby irrevocably constitutes and appoints the Secured Party and any officer or agent thereof, with full power of substitution, as its true and lawful attorney-in-fact with full irrevocable power and authority in the place and stead of such Grantor and in the name of such Grantor or in its own name, for the purpose of carrying out the terms of this Agreement, to take any and all appropriate action and to execute any and all documents and instruments which may be necessary or desirable to accomplish the purposes of this Agreement, and, without limiting the generality of the foregoing, such Grantor hereby grants the Secured Party the power and right, on behalf of such Grantor without notice to or assent by such Grantor, to do the following:
 - (i) at any time when any Event of Default shall have occurred and is continuing in the name of such Grantor or its own name, or otherwise, to take possession of and endorse and collect any checks, drafts, notes, acceptances or other instruments for the payment of moneys due under, or with respect to, any Collateral and to file any claim or to take any other action or proceeding in any court of law or equity or otherwise deemed appropriate by the Secured Party for the purpose of collecting any and all such moneys due with respect to such Collateral whenever payable;
 - (ii) to pay or discharge taxes and Liens levied or placed on or threatened against the Collateral, to effect any repairs or any insurance called for by the terms of this Agreement and to pay all or part of the premiums therefor and the costs thereof; and
 - at any time when any Event of Default shall have occurred and is continuing, (A) to direct any party liable for any payment under any of the Collateral to make payment of any and all moneys due or to become due thereunder directly to the Secured Party or as the Secured Party shall direct, (B) to ask or demand for, collect, receive payment of and receipt for, any and all moneys, claims and other amounts due or to become due at any time in respect of or arising out of any Collateral, (C) to sign and endorse any invoices, freight or express bills, bills of lading, storage or warehouse receipts, drafts against debtors, assignments, verifications, notices and other documents in connection with any of the Collateral, (D) to commence and prosecute any suits, actions or proceedings at law or in equity in any court of competent jurisdiction to collect the Collateral or any portion thereof and to enforce any other right in respect of any Collateral, (E) to defend any suit, action or proceeding brought against such Grantor with respect to any Collateral, (F) to settle, compromise or adjust any suit, action or proceeding described in the preceding clause and, in connection therewith, to give such discharges or releases as the Secured Party may deem appropriate, (G) to assign any Trademark or Copyright (along with goodwill of the business to which such Trademark or Copyright pertains), throughout the world for such term or terms, on such conditions, and in such manner, as the Secured Party shall in its sole discretion determine, and (H) generally, to sell, transfer, pledge and make any agreement with respect to or otherwise deal with any of the Collateral as fully

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- and completely as though the Secured Party were the absolute owner thereof for all purposes, and to do, at the Secured Party's option and such Grantor's expense, at any time, or from time to time, all acts and things which the Secured Party deems necessary to protect, preserve or realize upon the Collateral and the Liens of the Secured Party thereon and to effect the intent of this Agreement, all as fully and effectively as such Grantor might do. Such Grantor hereby ratifies all that said attorneys shall lawfully do or cause to be done by virtue hereof. This power of attorney is a power coupled with an interest and shall be irrevocable.
- (b) Each Grantor also authorizes the Secured Party, at any time and from time to time, to execute, in connection with the sale provided for in <u>Section 8</u> hereof, any endorsements, assignments or other instruments of conveyance or transfer with respect to the Collateral.
- the interests of the Secured Party in the Collateral and shall not impose any duty upon the Secured Party to exercise any such powers. The Secured Party shall be accountable only for amounts that it actually receives as a result of the exercise of such powers, and neither it nor any of its partners, officers, directors, employees or agents shall be responsible to the Grantors for any act or failure to act hereunder, except for their own gross negligence or willful misconduct (REGARDLESS OF WHETHER CAUSED IN WHOLE OR IN PART BY THE NEGLIGENCE (WHETHER SOLE, CONTRIBUTORY, JOINT, OR CONCURRENT) OF ANY OF THE INDEMNIFIED PARTIES) or failure to comply with mandatory provisions of applicable law.
- 6. Performance by the Secured Party of Grantors' Obligations. If any Grantor fails to perform or comply with any of its agreements contained herein and if the Secured Party, as provided for by the terms of this Agreement, shall itself perform or comply, or otherwise cause performance or compliance, with such agreement, then the expenses of the Secured Party incurred in connection with such performance or compliance, together with interest thereon at the interest rate provided for in the Credit Agreement, shall be payable by Grantors to the Secured Party on demand and shall constitute Obligations secured hereby.
- 7. Proceeds. It is agreed that if an Event of Default shall occur and be continuing, then (a) all Proceeds received by the Grantors consisting of cash, checks and other cash equivalents shall be held by the Grantors in trust for the Secured Party, segregated from other funds of the Grantors, and shall, forthwith upon receipt by any Grantor, be turned over to the Secured Party in the exact form received by such Grantor (duly endorsed by such Grantor to the Secured Party, if required), and (b) any and all such Proceeds received by the Secured Party (whether from a Grantor or otherwise) shall promptly be applied by the Secured Party against, the Obligations (whether matured or unmatured).
- **8.** Remedies Upon Default. Upon the occurrence of an Event of Default which is continuing, the Secured Party may pursue any or all of the following remedies, without any notice to any Grantor except as required below:

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- (a) The Secured Party may give written notice of default to any Grantor, following which no Grantor shall dispose of, conceal, transfer, sell or encumber any of the Collateral (including, but not limited to, cash proceeds) without the Secured Party's prior written consent, even if such disposition is otherwise permitted hereunder or under any other Operative Document in the ordinary course of business. Any such disposition, concealment, transfer or sale after the giving of such notice shall constitute a wrongful conversion of the Collateral. The Secured Party may obtain a temporary restraining order or other equitable relief to enforce any Grantor's obligation to refrain from so impairing the Secured Party's Collateral.
- (b) The Secured Party may take possession of any or all of the Collateral. Each Grantor hereby consents to the Secured Party's entry into any of such Grantor's premises to repossess Collateral, and specifically consents to the Secured Party's forcible entry thereto as long as the Secured Party causes no significant damage to the premises in the process of entry (drilling of locks, cutting of chains and the like do not in themselves cause "significant" damage for the purposes hereof) and provided that the Secured Party accomplishes such entry without a breach of the peace.
- (c) The Secured Party may dispose of the Collateral at private or public sale. Any required notice of sale shall be deemed commercially reasonable if given at least ten (10) days prior to sale. The Secured Party may adjourn any public or private sale to a different time or place without notice or publication of such adjournment, and may adjourn any sale either before or after offers are received. The Collateral may be sold in such lots as the Secured Party may elect, in its sole discretion. The Secured Party may take such action as it may deem necessary to repair, protect, or maintain the Collateral pending its disposition.
- (d) The Secured Party may exercise its Lien upon and right of setoff against any monies, items, credits, deposits or instruments that the Secured Party may have in its possession and that belong to any Grantor or to any other person or entity liable for the payment of any or all of the Obligations.
- (e) The Secured Party may exercise any right that it may have under any other Operative Document or otherwise available to the Secured Party at law or equity.
- Party's sole duty with respect to the custody, safekeeping and physical preservation of the Collateral in its possession, under Section 9-207 of the UCC or otherwise, shall be to deal with it in the same manner as the Secured Party would deal with similar property for its own account. Neither the Secured Party nor any of its partners, directors, officers, employees or agents shall be liable for failure to demand, collect or realize upon all or any part of the Collateral or for any delay in doing so or shall be under any obligation to sell or otherwise dispose of any Collateral upon the request of any Grantor or otherwise.
- 10. <u>Powers Coupled with an Interest</u>. All authorizations and agencies herein contained with respect to the Collateral are irrevocable and powers coupled with an interest.

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- 11. <u>Severability</u>. Any provision of this Agreement which is prohibited or unenforceable in any jurisdiction shall, as to such jurisdiction, be ineffective to the extent of such prohibition or unenforceability without invalidating the remaining provisions hereof, and any such prohibition or unenforceability in any jurisdiction shall not invalidate or render unenforceable such provision in any other jurisdiction.
- 12. <u>Section Headings</u>. The section headings used in this Agreement are for convenience of reference only and are not to affect the construction hereof or be taken into consideration in the interpretation hereof.
- 13. No Waiver: Cumulative Remedies. The Secured Party shall not by any act (except by a written instrument pursuant to Section 14 hereof), delay, indulgence, omission or otherwise be deemed to have waived any right or remedy hereunder or to have acquiesced in any default or Event of Default or in any breach of any of the terms and conditions hereof. No failure to exercise, nor any delay in exercising, on the part of the Secured Party, any right, power or privilege hereunder shall operate as a waiver thereof. No single or partial exercise of any right, power or privilege hereunder shall preclude any other or further exercise thereof or the exercise of any other right, power or privilege. A waiver by the Secured Party of any right or remedy hereunder on any occasion shall not be construed as a bar to any right or remedy which the Secured Party would otherwise have on any future occasion. The rights and remedies herein provided are cumulative, may be exercised singly or concurrently and are not exclusive of any rights or remedies provided by law.
- 14. Waivers and Amendments; Successors and Assigns; Interpretation. None of the terms or provisions of this Agreement may be waived, amended, supplemented or otherwise modified except by a written instrument executed by each Grantor and the Secured Party, provided that any provision of this Agreement may be waived by the Secured Party in a written letter or agreement executed by the Secured Party or by facsimile transmission from the Secured Party. This Agreement shall be binding upon the successors and assigns of the Grantors and shall inure to the benefit of the Secured Party and its successors and assigns. When used herein, the singular shall include the plural, and vice versa, and the use of any gender shall include all other genders, as appropriate.
- Motices. Any and all notices, elections or demands permitted or required to be made under this Agreement must be in writing, signed by the party giving such notice, election or demand, to be effective and shall be deemed to have been given (a) if by telecopy, when transmitted to the appropriate telecopy number, (b) if by mail, on the third Business Day after it is enclosed in an envelope and properly addressed, stamped, sealed, certified return receipt requested, and deposited in the appropriate official postal service, or (c) if by electronic mail or any other means, when actually received or delivered (with respect to electronic mail, each party giving such notice shall be responsible for keeping records acceptable to the Secured Party regarding all such notices). For notices under this Agreement, the parties hereto shall use the addresses and information set forth in the Credit Agreement for the Secured Party. The address and other contact information of each Grantor for the purposes of this Section 15 is set out on the signature page(s) to this Agreement.

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- **16.** Governing Law. This Agreement will be governed by, and construed and enforced in accordance with, the law of the State of New York (including Sections 5-1401 and 5-1402 of the General Obligations Law of the State of New York).
- 17. <u>Counterparts</u>. This Agreement may be executed in any number of counterparts and by different parties to this Agreement in separate counterparts, each of which when so executed shall be deemed to be an original and all of which taken together shall constitute one and the same Agreement. Facsimile and other electronic copies of manually-signed originals shall have the same effect as manually-signed originals and shall be binding on Grantors and the Secured Party.
- 18. <u>Submission to Jurisdiction</u>. Each Grantor submits to the nonexclusive jurisdiction of the United States District Court for the Southern District of New York and of any New York state court sitting in New York City for the purposes of all legal proceedings arising out of or relating to the Operative Documents. Each Grantor irrevocably waives, to the fullest extent permitted by Applicable Law, any objection which it may now or hereafter have to the laying of the venue of any such proceeding brought in such a court and any claim that any such proceeding brought in such a court has been brought in an inconvenient forum.
- 19. Waiver of Trial by Jury. EACH GRANTOR AND THE SECURED PARTY IRREVOCABLY WAIVE, TO THE FULLEST EXTENT PERMITTED BY APPLICABLE. LAW, ANY AND ALL RIGHT TO TRIAL BY JURY IN ANY LEGAL PROCEEDING ARISING OUT OF OR RELATING TO THIS AGREEMENT OR THE OTHER OPERATIVE DOCUMENTS.

[Signatures Appear on Following Page]

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IN WITNESS WHEREOF, the parties hereto have caused this Intellectual Property Security Agreement to be duly executed and delivered as of the date first above written.

JLW V	JSA INC	•			
_ (5kSk_		
Ву: <u> </u>	Richard	-			
Name:	Preside		ш		
Title:	Preside	IIL			
A ddraei	for Noti	inae.			
		ICCS.			
PO Bo	x 846				
175 C	rystal Stre	eet			
Lenox	, MASS. (01240			
	*·····································	A-1			
GL&V	LUXEMî	NBOUR	.G S.A.R		
GL&V	LUXEM	NBOUR	G S.A.R	L.L.	
Ву:	LUXEMî			L.L.	
By: Name:				.L.	
By: Name:				L.L.	
Ву:				L.	
By: Name: Title:				L.L.	
By: Name: Title: By: Name:				L.L.	
By: Name: Title: By:				.L.	
By: Name: Title: By: Name: Title:				L.L.	
By: Name: Title: By: Name: Title:				.L.	
By: Name: Title: By: Name: Title:				L.	
By: Name: Title: By: Name: Title:				.L.	
By: Name: Title: By: Name: Title:				L.L.	

[Signature Page to Intellectual Property Security Agreement]

IN WITNESS WHEREOF, the parties hereto have caused this Intellectual Property Security Agreement to be duly executed and delivered as of the date first above written.

GRANTO	<u>RS</u> :
GL&V U	JSA INC.
Ву:	
Name: Title:	Richard Verreault President
Address	for Notices:
РО Во	x 846
175 Cr	ystal Street
Lenox,	MASS. 01240
By:(HENRIN SANDEN MANAGER A
Ву:	
Name: Title:	
Address	for Notices:
66 R	UE GABRIEL LIPPMANI
	5365 MUNSBACH
4	EM BOURG

[Signature Page to Intellectual Property Security Agreement]

IN WITNESS WHEREOF, the parties hereto have caused this Intellectual Property Security Agreement to be duly executed and delivered as of the date first above written.

GLCC V	USA INC.
Ву:	
Name:	Richard Verreault
Title:	President
Addres	s for Notices:
	эх 846
175 C	rystal Street
Leno	r, MASS. 01240
By: Name:	LUXEMNBOURG S.A.R.L.
By: Name: Title:	
By: Name: Title: By:	
By: Name: Title: By: Name:	
By: Name: Title: By: Name: Title:	Eric Lie
By:Name: Title: By:Name: Title: Address	Eric Lie Manager B
By:Name: Title: By:Name: Title: Addres	Eric Lie Manager B

[Signature Page to Intellectual Property Security Agreement]

SECURED PARTY:

NATIONAL BANK OF CANADA,

as Administrative Agent

Name

Title:

By:___ Name:

Title:

Alexandre Huot

Directeur - Director

SCHEDULE A

Intellectual Property

GL&V USA Inc.

Patents:

	4.
FILTERS - Vacuum Filters - Comarco Uniflow Shower	PRODUCT LINEITRADEMARK
System for Washing Porous Met	TITLE
Canada	COUNTRY
414-30869	GL&V Fef.
	CASE SUB
Granted	STATUS
2,312,281	PATENT NO.
5/27/2008	SSUE
6/23/2020	EXPIRATION DATE
6/23/2000	PILE
2,312,281	APPL NO

TradeMarks:

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Schedule A

GL&V Luxembourg S.a.r.l.

WINDING	PERPLAS	PERPLAS	ниуск	PRODUCT
A winding machine including a linger sensor adjacent the nip formed between a support drum and a web reel	Assembly of Forming Elements for a Paper Machine	Assembly of Farming Elements for a Paper Machine	Forming Board for Papermaking Machine with Adjustable Blades	37,011
US	France	United Kingdom	US	COUNTRY
434-00101	514-00119	514-00119	414-30862	GL&V Ref.
				SUB
Granted	Granted	Granted	Granted	STATUS
6,588,698	1 479 819	3 479 819	6,712,941	PATENT NO.
7/8/2003	7/13/2011	7/13/2011	3/30/2004	ISSUE DATE
13/26/2023	5/19/2024	5/19/2024	4/2/2022	EXPIRATION DATE
11/26/2001	5/19/2004	5/19/2004	4/2/2002	FILE
09/994268	04252921.4	04252921.4	10/114,881	APPL NO

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REFINING	REFINING	REFINING	REFINING	PULPERS - Belpurge	Pulpers	Pulpers	COOKING - Air Evac, Nozzie	CLEANERS - Slipsteam	WINDING - Splicer	WINDING - Splicer	WINDING - Compliant	PRODUCT LINE/TRADEMARK
Refiner rotor assembly with a hub having flow-through ports	Refiner rotor assembly with a hub having flow-through ports	Refiner rotor assembly with a hub having flow-through ports	Refiner rotor assembly with a hub having flow-through ports	Fluidizing detrashing impeller	A Mixing Impeller	A Mixing Impeller	Air evacuation insert for wood chip digester	Channaling dam for cenimingal deaner	Paper unwind splicer for drawing from the top or bottom of a reel	Paper web autosplicer	Support or pressure roll for a paper roll winder (Variable hardness support or pressure rolls for paper roll winders - comprises elastomeric roll covers cut in void patterns open to roll surfaces)	TITLE
Italy	Poland	Sweden	us	US	Ę	ÜS	Sn	US	US	Sn	SU	COUNTRY
414-00103	414-00103	414-00103	414-00103	414-00015	414-30868	414-30868	414-00016	414-00057	414-00020	414-00018	414-80024	GL&V Ref.
											RE	CASE
Cranted	Granted	Granted	Granted	Granted	Published	Granted	Granted	Granted	Granted	Granted	Granted	STATUS
34423BE/07	1 460 169	3 460 169	7,188,792	6,010,012		8,201,990	6,109,312	5,934,484	6,161,793	6,016,989	RE37657	PATENT
9/26/2007	9/26/2007	9/26/2007	3/13/2007	1/4/2000		6/19/2012	8/29/2000	8/10/1999	12/19/2000	1/25/2000	4/16/2002	ISSUE
3/18/2024	3/18/2024	3/18/2024	4/5/2023	31/3/2017		2/25/2031	3/5/2019	4/18/2017	1/22/2019	8/24/2018	9/2/2018	EXPIRATION DATE
3/18/2004	3/18/2004	3/18/2004	3/18/2003	11/3/1997	10/27/2009	10/8/2008	3/5/1999	4/18/1997	1/22/1999	8/24/1998	9/2/1998	FILE
94006588.0	04006588.0	04006588.0	10/392478	08/963217	09 820 056.1	12/247,944	09/263326	08/844040	09/235500	09/139289	09/145,915	APPL NO

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REFINING-DD 6000	REFINING-DD 5000	REFINING-DD 5000	REFINING-DD 5000	REFINING-DD 5000	REFINING-DD 5000	REFINING	REFINING	REFINING	REFINING	REFINING	REFINING	REFINING	PRODUCT LINE/TRADEMARK
A refining plate attached to a head in a pulp refiner (mechanism for mounting refiner plates)	TANGENTIAL DISCHARGE DISK REFINER	Tangenhal discharge disk refiner	Tangemal discharge disk refiner	Tangential discharge disk refiner	Tangential discharge disk refiner	Refining Member Clash Control Method (Refiner Plate Clash Control System)	Refiner rotor assembly with a hub having flow-through ports	Refiner rotor assembly with a hub having flow-through ports	Refiner rotor assembly with a hub having flow-through ports	Refiner rotor assembly with a hub having flow-through ports	Refiner rotor assembly with a hub having flow-through ports	Refiner rotor assembly with a hub having flow-through ports	TITLE
Russia	US	Germany	Germany	United Kingdom	Spain	US	France	Germany	Spain	United Kingdom	Fintand	Austria	COUNTRY
414-00106	414-60021	414-00021	414-00021	414-60021	414-00021	414-30851	414-60103	414-00103	414-00103	414-80103	414-00103	414-60103	GL&V Ref. No.
	RE	Ą											SUB CASE
Granted	Granted	Granted	Granted	Granted	Granted	Granted	Granted	Granted	Granted	Granted	Granted	Granted	STATUS
2378433	RE39686	10084327.1	DE10066175	1157160	200150070	7,309,036	1 460 169	60-009 125	2291764	1 460 169	1.460.169	E 374.278	PATENT
0102/01/1	6/12/2007	11/27/2003	8/16/2007	11/2/2005	100Z/05/E	12/18/2007	9/26/2007	9/26/2007	9/26/2007	9/26/2007	9/26/2007	9/26/2007	ISSUE DATE
8/16/2025	3/2/2019	3/1/2020	3/1/2020	3/1/2020	3/1/2020	12/5/2025	3/18/2024	3/18/2024	3/18/2024	3/18/2024	3/18/2024	3/18/2024	EXPIRATION DATE
8/16/2005	4/24/2003	3/1/2000	3/1/2000	3/1/2000	3/1/2000	12/5/2005	3/18/2004	3/18/2004	3/18/2004	3/18/2004	3/18/2004	3/18/2004	FILE
2005126039	10/422,476	10884327.1	10066175.0	00922814.9		11/293963	04006588.0	04006588.0	04006588.0	04006588.0	04006588.0	04006588.0	APPL NO.

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Screens - DuaiQ	Screens - DuaiQ	Screens - DualQ	Screens - DualQ	Screens - DualQ	REFINING-DD 6000	PRODUCT LINE/TRADEMARK				
Two Stage Pulp Screening with Two Stationary Cylindrical Screens	Two Stage Pulp Screening with Two Stationary Cylindrical Screens	Two Stage Pulp Screening with Two Stationary Cylindrical Screens	Two Stage Pulp Screening with Two Stationary Cylindrical Screens	Two Stage Pulp Screening with Two Stationary Cylindrical Screens	A refining plate attached to a head in a pulp refiner (mechanism for mounting refiner plates)	A refining plate attached to a head in a pulp refiner (mechanism for mounting refiner plates)	A relining plate attached to a head in a pulp reliner (mechanism for mounting refiner plates)	A refining plate attached to a head in a pulp refiner (mechanism for mounting refiner plates)	A refining plate attached to a head in a pulp refiner (mechanism for mounting refiner plates)	TITLE
Sweden	Finland	Canada	Austria	US	Finland	US	South Africa	Austrib	Sweden	COUNTRY
414-30867	414-30867	414-30867	414-30867	414-30867	414-80106	414-80106	414-00106	414-00106	414-80106	GL&V Ref.
										SUB CASE
Published	Published	Published	Published	Cranted	Granted	Granted	Granted	Granted	Granted	STATUS
				8,011,515	1 630 281	7,350,728	2005/05932	E373.741	1 630 281	PATENT
				9/6/2011	9/19/2007	4/1/2008	4/25/2007	9/19/2007	9/19/2007	ISSUE DATE
				13/26/2029	7/22/2025	7/13/2026	7/22/2025	7/22/2825	7/22/2025	EXPIRATION DATE
4/13/2010	4/13/2010	4/13/2010	11/14/2011	5/2/2009	7/22/2005	8/17/2004	7/22/2005	7/22/2005	7/22/2005	PATE
1151083-3	20116254	2,781,705	A9172/2010	12/464658	05 015 973.0	10/919,621	2005/05932	05 015 973.0	05 015 973.0	APPL NO.

White Liquor Profiling	White Liquor Profiling	WASHERS - CORU-DEK	WASHERS - CORU-DEK	WASHING -CB Filter	Twin Roll Press	Twin Roll Press	SCREENS - Rotor	PRODUCT LINE/TRADEMARK
Improving pulp brightness in rapid displacement heating batch pulp displacement heating batch pulp dispesters - using fiquor storage accumulators and hot white fiquor feed during said digestion process (CA patent attached, only English	Improving pulp brightness in rapid displacement heating batch pulp digesters - using figuor storage accumulators and hot white liquor feed during said digestion process (CA patent attached, only English version)	Washer Drum Snap-in Cap (A Method of Constructing a Rotary Drum Filtering Apparatus)	Pinned Fly Ring for Rotary Drum Washer	SUPPLY OF WASHING LIQUID IN A FRACTIONATING MULTI-STAGE WASHER	Perforated Deck made out of a Plurality of Segments (Replaceable Perforated Deck)	Perforated Deck made out of a Pluratity of Segments (Replaceable Perforated Deck)	Pulp Screen Rotor with Sturry Passages Around and Through the Rotor	TITLE
Spain	Brazil	US	US	US	Sweden	US	บร	COUNTRY
434-88805	414-00005	414_30878	414-30877	414-60102	414-30847	414-30847	414-30874	GL&V Ref. No.
								SUB
Granted	Granied	Pending	Pending	Granted	Granted	Granted	GRANTED	STATUS
2128283	P19508974-7			6,461,473	531314	7,285,180	8,869,989	PATENT
3/16/1999	9/16/1997			10/8/2002	2/17/2009	10/23/2007	10/28/2014	DATE
3/2/2015	3/2/2015			9/23/2018	4/15/2025	11/25/2025	12/12/2032	EXPIRATION DATE
3/2/1995	3/2/1895		8/22/2014	9/23/1998	4/15/2005	4/19/2004	12/12/2012	FRE
95912729	PI8506974		62/040788	09/158882	0500848-7	10/827,477	13/712,868	APPL NO

Schedule A

Schedule A

HYDROCYLONE	PRODUCT LINE/TRADEMARK	White Liquor Profiling	White Liquor Profiling	White Liquor Profiling	White Liquor Profiling		PRODUCT LINE/TRADEMARK
Slice Removal System (Process for removal of solid non-f brous material	TITLE	Apparatus for digesting pulp in a displacement batch digester that uses displacement liquor having a sufficient hydrostatic head	Apparatus for digesting pulp in a displacement batch digester that uses displacement liquor having a sufficient hydrostatic head	Kraft digesting process wherein a vapor interface is formed by withdrawing hot cooking liquor	Improving pulp brightness in rapid displacement heating batch pulp displacement heating batch pulp displacement a sing liquor storage accumulators and hot white liquor feed during said digestion process (CA patent attached, only English version)	version}	TITLE
WO	COUNTRY	ga ga	20 32 38 20 32 38	88	sh p		
514-00129	GLSV Ref. No.	US	Chile	US	Austria		COUNTRY
	SUB	414-00013	£1000-111	414-00012	414-80005		GL&V Ref.
COMPLETED	STATUS	3	33	22	0.5		ef. SUB CASE
	PATENT	Granted	Granted	Granted	Granted		STATUS
	NO	6,139,669	43.363	6,103,057	748412		ON
	ISSUE DATE	:					
	EXPIRATION DATE	10/31/2000	117/2007	8/15/2000	10/21/1998		DATE
3,		6/11/2017	11/7/2022	6/11/2017	4/2/2015		EXPIRATION DATE
3/27/2013	FILEDATE	6/11/1897	6/10/1998	8/13/1997	4/2/1995		DATE NC
EP201:	дрр						
EP2013/056557	APPL_NO	08/872711	1307-1998	08/872838	95912729.1		APPL NO

Schedule
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CLEANERS	CLEANERS		HYDROCYLONE	HYDROCYLONE	HYDROCYLONE	HYDROCYLONE	HYDROCYLONE		PRODUCT LINETRADEMARK
Separation of Fibre Pulp Suspension Containing Relatively Heavy	Separation of Fibre Pulp Suspension Containing Relatively Heavy Contaminants	Lightweight disc filter sector with stretch stainless steel wire mesh	Silica Removal System (Process for removal of solid non-f brous material from pulp)	Silica Removal System (Process for removal of solid non-fbrous material from pulp)	Silica Removal System (Process for removal of solid non-forous material from pulp)	Silica Removal System (Process for removal of solid non-fbrous material from pulp)	Silica Removal System (Process for removal of solid non-f brous material from pulp)	from pulp)	TITLE
Europe	edom∃	S	Sn	india	Europe	Canada	Brazil		COUNTRY
514-00118	514-00118	514-00142	514-00129	514-00129	514-00129	514-00129	514-00129		GL&V Ref. No.
DIV									CASE
Pending	Allowed (fees paid 11/3/14)	Pending (provisional)	Pending	Pending	Pending	Pending	Pending		STATUS
			,						PATENT NO.
									DATE
4/29/2025	4/29/2025								EXPIRATION DATE
4/26/2006	4/26/2006	2/4/2014	10/1/2014	3/27/2013	3/27/2013	3/27/2013	3/27/2013		FILE DATE
14191545.4	06733342.7	61/935476	14/396,024		13717194.8		BR112014024645-		APPL NO

PRODUCT LINE/TRADEMARK	TITLE	COUNTRY	GLSV Ref. No	C SUB SUB	STATUS	PATENT NO.	ISSUE DATE	EXPIRATION DATE	FILE DATE	ON TARY
	Contaminants									
CLEANERS	Separation of Fibre Pulp Suspension Containing Relatively Heavy Contaminants	China	514-00118		Granted	20068001837	2/1/2012	4/26/2026	11/22/2007	200680018374.X
CLEANERS	Separation of Fibre Pulp Suspension Containing Relatively Heavy Contarninants	South Korea	514-00118		Granted	1296486	8/7/2013	4/26/2026	11/29/2007	2007-7027811
CLEANERS	Separation of Fibre Pulp Suspension Containing Relatively Heavy Contarninants	India	514-00118		Published				10/12/2007	7882/DELNP/07
CLEANERS	Separation of Filize Pulp Suspension Containing Relatively Heavy Contarninants	US	514-00118		Granted	7,404,492	7/29/2008	5/10/2025	5/10/2005	31/125,250
CLEANERS	Separation of Fibre Pulp Suspension Containing Relatively Heavy Contaminants	Brazil	514-00118		Pending	,			10/29/2007	P30613177-7
CLEANERS	Separation of Fibre Pulp Suspension Containing Relatively Heavy Contaminants	Canada	514-00118		Granted	2,605,621	1/22/2013	4/26/2026	10/22/2007	2,605,621
FILTERS	A Filter Segment with a Light Weight Frame	Canada	514-00128		Pending				8/25/12	2,847,251
FILTERS	A Filter Segment with a Light Weight Frame	China	514-00128		Pending				8/25/14	201280053121

PRODUCT LINE/TRADEMARK	TITLE	COUNTRY	GL&V Ref.	CASE CASE	STATUS	PATENT NO.	DATE	EXPIRATION DATE	FILE DATE	APPL NO
FILTERS	A Fitter Segment with a Light Weight Frame	india	514-00128		Pending				2/28/2014	157/DELNO/2014
FILTERS	A Filter Segment with a Light Weight Frame	edoung	514-00128		Published				8/25/2012	12 826 989 1
FILTERS	A Filter Segment with a Light Weight Frame	sn	514-00128	Junik	Pending				2/27/2014	14/241,824
Hydrocyclone	Flow deflecting members for hydrocyclone (wings)	nebews	514-00127		Granted	SE 535 756	12/4/2012	5/5/2031	5/5/2011	1150397-6
Hydrocyclone	Flow deflecting members for hydrocyclone (wings)	Canada	514-00127		pending				5/3/2012	2,836,184
Hydrocyclone	Flow deflecting members for hydrocyclone (wings)	EP (Austria/ Germany)	514-00127		pending				11/14/2013	12779482
Hydrocyclone	Flow deflecting members for hydrocyclone (wings)	China	514-00127		Published				1/6/2014	201280033622
Hydrocyclone	Flow deflecting members for hydrocyclone (wings)	Finland	514-00127		pending				12/3/2013	20130366
Hydrocyclone	Flow deflecting members for hydrocyclone (wings)	Norway	514-00127		pending				11/13/2013	20131509
Hydrocyclone	Flow deflecting members for hydrocyclone (wings)	US	514-00127		Granted	8,789,709	7/29/2014	11/4/2033	11/4/2013	14/115,537
Hydrocyclone	A Lower Cone of a Hydroclyclone Cleaner	Sn	514-00146		Pending				1/27/2014	29/480,529
Hydrocyclone	A Lower Cone of a Hydroctyclone Cleaner	Canada	514-00146		Pending				7/25/2014	157792

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PRODUCT LINE/TRADEMARK	TITLE	COUNTRY	GL&V Ref	O SUB B SACE	STATUS	PATENT NO.	ISSUE DATE	EXPIRATION	FILE DATE	APPL NO
Hydrocyclone	A Lower Cone of a Hydroclyclone Cleaner	China	514-00146		Pending				7/25/2014	2014302583434
Hydrocyclone	A Lower Cone of a Hydroclyclone Cleaner	EP (Austria, Germany, Finland, Sweden)	514-00146		Pending				7/25/2014	2509067
Hydrocyclone - C1001	Hydrocyclone	Sweden	514-00096		Granted	525 723	4/12/2005	5/27/2022	5/27/2002	0201579.0
Hydrocyclone - C1001	Hydrocyclone	Austria	514-00096		Granted	1,509,331		5/24/2022	5/26/2003	03755304.7
Hydrocyclone - C1001	Hydrocyclone	Germany	514-00096		Granted	1,509,331		5/27/2022	5/26/2003	03755304.7
Hydrocyclone - EZ80-SR	Hydrocyclone	Sweden	514-00122		Granted	531 578	5/26/2009	1/31/2028	1/31/2008	0800237.0
Hydrocyclone - EZ80-SR	Hydrocyclone	Brazil	514-00122		Pending				1/29/2009	Pi0907062-1
Hydrocyclone - EZ80-SR	Hydrocyclane	Canada	514-00122		Pending				1/29/2009	2,713,843
Hydrocyclone - EZ80-SR	Hydrocyclone	Finland	514-00122		Granted	122293	11/15/2011	1/29/2029	1/29/2009	20105881
Hydrocyclone - EZ80-SR	Hydrocyclone	Indonésia	514-00122		Granted	P0033097	2/22/2013	1/29/2029	7/28/2010	W-00201002593
Hydrocyclone - EZ80-SR	Hydrocyclone	US	514-00122		Granted	8,205,756	6/26/2012	2/2/2031	7/27/2010	12/864692
Hydrocyclone -	Hydrocyclone with Turbulence Creating	Indonesia	514-00116		Granted	ID P027942	4/5/2011	11/25/2018	11/25/1998	P-981532

PRODUCT LINETRADEMARK	TITLE	COUNTRY	GL&V Ref	CASE E	STATUS	PATENT NO.	DATE	EXPIRATION DATE	FILE DATE	APPL NO
S3446	Means									
Sildepac® - Hydrocyclone	DESIGN patent for Cleaner Head (official title translated - Apparatus for treating liquids)	Europe	514-00126		Granted	001566506	10/23/2009	7/1/2034	7/1/2009	001586506
Slidepac® - Hydrocyclone	DESIGN patent for Cleaner Head (official title translated - Apparatus for treating liquids)	Canada	514-00126		Pending				12/23/2009	133 <i>477</i>
Slidepac® - Hydrocyclone	DESIGN patent for Cleaner Head (official title translated - Apparatus for treating liquids)	Canada	514-00126	2	Pending				12/23/2009	133478
Slidepac® - Hydrocyclone	DESIGN patent for Cleaner Head (official title translated - Pulp Suspension Hydrocyclone cleaner)	US	514-00126		Granted	D657,509	4/10/2012	4/10/2026	12/30/2009	29/352,995
Slidepac® - Hydrocyclone	DESIGN patent for Cleaner Head (official title translated - Hydrocyclone)	ÜS	514-00126	2	Granted	D663,082	7/3/2012	7/3/2026	9/2/2010	29/369,160
Slidepac® - Hydrocyclone	DESIGN patent for Cleaner Head (official title translated - Apparatus for treating liquids)	China	514-00126		Granted	200930004886.7	1/5/2011	9/10/2019	9/10/2089	200930004886.7
Sildepac® - Hydrocyclone	DESIGN patent for Cleaner Head (official title translated - Apparatus for treating liquids)	China	514-00126	2	Granted	201030142274.7	12/1/2010	3/31/2020	3/21/2010	201030142274.7
Slidepac® - Hydrocylcone	Hydrocylcone, System and Method for Cleaning Cellulose Suspensions	China	514-00125		Granted	20098016123	6/11/2014	9/9/2029	9/10/2008	200980161236.0

PRODUCT LINETRADEMARK	HILE	COUNTRY	GL&V Ref No.	CASE SUB	STATUS	PATENT NO	ISSUE DATE	EXPIRATION DATE	FILE DATE	APPL NO
Sildepac® - Hydrocylcone	Hydrocylcone, System and Method for Cleaning Cellulose Suspensions	Europe	514-00125		Published				9/10/2009	09846919.0
Sildepac® - Hydrocylcone	Hydrocylcone, System and Method for Cleaning Cellulose Suspensions	S	514-00125		Published				9/10/2009	13/380,923
Sildepac® - XB Reversed Cleaner	An assembly with multiple hydrocyclones	Brazil	514-00124		Pending				5/8/2009	P10924831.5
Slidepac® - XB Reversed Cleaner	An assembly with multiple hydrocyclones	Canada	514-00124		Pending				5/8/2009	2,761,267
Sildepac® - XB Reversed Cleaner	An assembly with multiple hydrocyclones	China	514-00124		Granted	CN10245866	5/28/2014	5/8/2029	5/9/2009	200980160320.0
Slidepac® - XB Reversed Cleaner	An assembly with multiple hydrocyclones	EPO	514-00124		Published				11/24/2011	09844427.6
Slidepac® - XB Reversed Cleaner	An assembly with multiple hydrocyclones	Indonesia	514-00124		Pending				13/18/2011	W-00201104252
Slidepac® - XB Reversed Cleaner	An assembly with multiple hydrocyclones	India	514-00124		Published				5/8/2009	8625/DELNP/11
Slidepac® - XB Reversed Cleaner	An assembly with multiple hydrocyclones	Russia	514-00124		Granted	2508951	3/10/2014	5/8/2029	5/8/2009	2011347151
Sildepac® - XB Reversed Cleaner	An assembly with multiple hydrocyclones	US	514-00124		Granted	8.889,014	11/18/2014	06/1/2030	11/7/2013	13/319,213
Slidepac® - X8 Reversed Cleaner	An assembly with multiple hydrocyclones	Sn	514-00124	Ma	Pending				10/20/2014	14/518,867
Tampulping	A Method for Pulping	Finland	514-00131		Granted	FI 1188970	5/30/2008	10/12/2025	10/12/2006	FI 20060902

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PRODUCT	TITLE	COUNTRY	GLSV Ref	C S S S S S S	STATUS	PATENT NO.	DATE	EXPIRATION	FILE DATE	APPL NO
	Waste Paper									
Tampulping	A Method for Pulping Waste Paper	France	514-00132		Granted	2 274 471	11/6/2013	3/20/2028	3/20/2088	08736764.5
Tampulping	A Method for Pulping Waste Paper	Austria	514-00132		Granted	2 274 471	11/6/2013	3/20/2028	3/20/2008	08736764.5
Tampulping	A Method for Pulping Waste Paper	Germany	514-00132		Granted	60 2008 028 559.6	11/6/2013	3/20/2028	3/20/2088	08736764.5
Tampulping	A Method for Pulping Waste Paper	United Kingdom	514-00132		Granted	2 274 471	11/6/2013	3/20/2028	3/20/2088	5.49296280
Tampulping	A Method for Pulping Waste Paper	Italy	514-00132		Granted	2 274 471	11/6/2013	3/20/2028	3/20/2008	08736764.5
Tampulping	A Method for Pulping Waste Paper	Spain	514-00132		Granted	2 274 471	11/6/2013	3/20/2028	3/20/2008	08736764.5
Tampulping	A two layer rotor of pulper	Finland	514-00134		Granted	FI 119821	3/31/2009	12/20/2026	12/20/2006	FI 20061139
Tampulping	A pulper treating fiber mass	Sweden	514-00135		Granted	2310567	8/29/2012	6/16/2028	6/16/2008	08787672.8
Tampulping	A pulper treating fiber mass	Austria	514-00135		Granted	2310567	8/29/2012	6/16/2028	6/16/2008	08787672.8
Tampulping	A pulper treating fiber mass	Italy	514-00135		Granted	2310567	8/29/2012	6/16/2028	6/16/2008	08787672.8
Tampulping	A pulper treating fiber mass	Poland	514-00135		Pending	2310567	8/29/2012	6/16/2028	6/16/2008	08787672.8
Tampulping	A pulper treating fiber mass	Germany	514-00135		Granted	2310567	8/29/2012	6/16/2028	6/16/2008	08787672.8
Tampulping	A lay out for rotary unit	Finland	514-00136		Granted	8418	9/14/2009	11/10/2018	11/11/2008	FI 20080000359
Tampulping	Pressure filter - A dilution	Finland	514-00137		Granted	122378	12/30/2011	9/16/2028	9/16/2008	FI 20080000520

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LINETRADEMARK	TITLE	COUNTRY	NO.	2 g 8 g	STATUS	PATENT NO.	DATE	DATE	FILEDATE	APPL NO
	for a rotor or screen									
Tampulping	Pressure Filter (a dilution for rotor or screen)	Canada	514-00138		Pending				3/16/2010	2,793,158
Tampulping	Pressure Filter (a dilution for ratior or screen)	Europe	514-00138		Pending				9/22/2011	10847767.0
Tampulping	Pressure Filter (a dilution for rotor or screen)	S	514-00138		Pending				9/15/2012	13/835,419
Tampuiping	A pulper treating fiber mass (a dilution of two layer rotor)	Finland	514-00139		Granted	FI 122071	8/15/2011	5/19/2029	5/19/2009	FI 20090197
Tampulping	A pulper freating fiber mass (a dilution of two layer rotor)	Europe	514-00139		Published				5/19/2010	EP 10777413.5
Tampulping	A pulper treating fiber mass (a dilution of two layer rotor)	US	514-00139		Granted	8,721,841	5/13/2014	3/10/2032	5/19/2010	13/321,553
Welldrain - FILTERS - C1005	Filter Sector for Rotary Disc Filters	Canada	514-00113		Granted	2,469,737	8/16/2011	12/19/2022	12/19/2002	2,469,737
Welldrain - FILTERS - C1005	Filter Sector for Rotary Disc Filters	Austria	514-00113		Granted	1455922	4/28/2010	12/19/2022	12/18/2002	02793703.6
Weildrain - FILTERS - C1005	Filter Sector for Rotary Disc Filters	Finland	514-00113		Granted	1455922	4/28/2010	12/19/2022	12/19/2002	02793703.6
Welldrain - FILTERS - C1005	Filter Sector for Rolary Disc Filters	Germany	514-00113		Granted	1455922	4/28/2010	12/19/2022	12/19/2002	02793703.6
Welldrain - FILTERS - C1005	Filter Sector for Rotary Disc Filters	Italy	514-00113		Granted	1455922	4/28/2010	12/19/2022	12/19/2002	02793703.6

Schedule A

Method and Bleaching Line with Brazil 804-40035 B	for USA 804-40032 lip to a Tower	Method for Converting a Tower for Cellulose Pulp and the Tower Itself	Method and Device Fibre Pulp Method and Device USA 804-40020 E	PRODUCT COUNTRY GL&V Ref. SUB LINE/TRADEMARK TITLE COUNTRY No. CASE S
	Method to Convertin Flow Tow Cellulose Down-Flo	Method for Convertin for Celluic and the T	Method au for Feedir Fibre Pulj	
ă. F	@ a Up- er for Pulp to a	r g a Tower sse Pulp ower Itself	nd Device ig Out	ĥ
Brazil	USA	Sweden	USA	COUNTRY
804-40035	804-40032	804-40032	804-40020	
œ				SUB
Granted	Granted	Granted	EXPIRES	STATUS
Pi0318068-9	7,569,320	528274	5,688,369	PATENT NO
10/15/2013	8/4/2009	10/10/2006	11/18/1997	ISSUE DATE
12/9/2023	8/6/2026	2/11/2025	11/18/2014	EXPIRATION DATE
12/9/2003	12/12/2005	2/11/2005	11/1/1994	FILE
P(0.03) 8068-9	11/301(004	0500326-4	649,610	APPL NO

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	Welldrain - FILTERS - C1005 -	Welldrain - FILTERS - C1005	PRODUCT LINE/TRADEMARK
Bi-directional lower cone dilution device (CRC modification)	Filter Sector for Rotary Disc Filters	Filter Sector for Rotary Disc Filters	TITLE
US	Sweden	France	COUNTRY
514-00140	514-00113	514-00113	GL&V Ref. No.
			SUB
Pending	Granted	Granted	STATUS
	0104306-6	1455922	PATENT NO
	8/19/2003	4/28/2010	ISSUE DATE
	12/19/2021 12/19/2001	12/19/2022 12/19/2002	EXPIRATION DATE
	12/19/2001	12/19/2002	FILE DATE
	0104306-6	02793703.6	APPL NO

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Bleaching	Bleaching	Bleaching	Bleaching	Bleaching	Bleaching	Bleaching	Bleaching	PRODUCT LINETRADEMARK
Method and Bleaching Line with a Main Conduit for	Method and Bleaching Cellulose Pulp with a Main Conduit for Wash Liquor and Filtrate	Method and Bleaching Line with a Main Conduit for Wash Liquor	Method and Bleaching Line with a Main Conduit for Wash Liquor	Method and Bleaching Line with a Main Conduit for Wash Liquor	Method and Bleaching Line with a Main Conduit for Wash Liquor	Method for Washing Pulp in a Bleaching Line and a Bleaching Line	Method and Bleaching Line with a Main Conduit for Wash Liquor	TITLE
China	USA	USA	Sweden	Japan	Japan	Canada	Brazil	COUNTRY
804-40035	804-40035	804-40035	804-40035	804-40035	804-40035	804-40035	804-40035	GL&V Ref.
Ö	A2	À.		œ	Ö	œ	Ö	CASE
Granted	Granted	Granted	Granted	Granted	Granted	Granted	Granted	STATUS
ZL200380109360.5	7,374,637	7,077,931	521780	4,677,236	4,711,686	2 512 906	PI0318079-4	PATENT NO
1/20/2010	5/20/2008	7/18/2006	12/19/2063	2/4/2011	4/3/2011	13/8/2013	12/26/2012	ISSUE DATE
12/9/2023	10/24/2026	9/16/2024	1/31/2023	12/9/2023	.12/9/2023	12/9/2023	12/9/2023	EXPIRATION DATE
7/29/2005	11/16/2005	1/13/2084	1/31/2003	12/9/2003	12/9/2003	12/9/2003	12/9/2803	FILE
20380109360.5	11/280,915	10/756,234	03002763	2004/567600	2004/567601	2512906	Pl00318079-4	APPL NO

PRODUCT LIME/TRADEMARK Bleaching	Wash Liquor Wash Liquor Method and Bleaching Line with a Wash Liquor Wash Liquor Method and Bleaching Line with a Main Conduit for Wash Liquor	Countrev China	804-40035 804-40035		STATUS Granted	PATENT NO. ZL200380109359.2 E 498734 (1 592 839)	1/20/2010 1/20/2010	12/9	EXPIRATION DATE 12/9/2023	######################################
Bleaching	Method and Bleaching Line with a Main Conduit for Wash Liquor	Finland	804-40035	œ	Granted	1592839		2/16/2011	2/16/2011 12/9/2023	
Bleaching	Method and Bleaching Line with a Main Conduit for Wash Liquor	Austria	804-40035	Ċ	Granted	E 536439 (1 592 840)	سم N. S	12/7/2011	12/9/2011	
Bleaching	Method and Bleaching Line with a Main Conduit for Wash Liquor	Finland	804-40035	Ö.	Granted	1 592 840	2	12/7/2011	12/7/2011 12/9/2023	
Bleaching	Method for Pressurized Peroxide Bleaching/Method for Controlling Chemical Reaction/Apparatus for Safely Conducting Pressurized Peroxide Bleaching	U.S.A.	804-40037		Granted	5,858,170		1/12/1999	1/12/1999 1/12/2016	

Bleaching (DO)(PO) sequence Sweden 804-40055 Granted 526162 7/19/2005 1/23/2022 1/23/2002	PRODUCT LINETRADEMARK Bleaching Bleaching	Method for Pressurized Peroxide Bleaching/Method for Controlling Chemical Reaction/Apparatus for Sately Conducting Pressurized Peroxide Bleaching/Method for Controlling Chemical Reaction/Apparatus for Sately Conducting Pressurized Peroxide Bleaching/Method for Controlling Chemical Reaction/Apparatus for Sately Conducting Pressurized Peroxide Bleaching	USA USA	804-40037 804-40037	ю " Се	Granted Granted	PATENT NO. 5,954,066 6,007,680 5,876,560	9/21/1999 1/2/28/1999	EXPIRATION DATE 6/15/2019 1/12/2019 3/2/2016	2/17/1998 2/17/1998 9/26/1994
(DQ)(PO) sequence Sweden 804-40055 Granted 526162 7/19/2005 1/23/2022 Method of Bleaching Pulp Sequence USA 804-40060 Granted 6,325,891 1/24/2001 6/8/2021 Distribution Device for a Device for g Dewatering Pulp Sweden 804-40007 Granted 512877 5/29/2009 6/4/2019 Distribution Device for a Device for g Dewatering Pulp USA 804-40007 Granted 6,568,600 12/30/2003 5/30/2020	Bleaching	Method and Apparatus for Removing Gas from a Fibre-Liquid Suspension	USA	804-40039		Granted	5,876,560	3/2/1989	3/2/2016	9/2
Method of Bleaching Pulp without using Chlorine Chemicals in USA 804-40060 Granted 6,325,891 12/4/2001 6/8/2021 a (QP)Z Bleaching Sequence for Distribution Device for Dewatering Pulp Dewatering Pulp USA 804-40007 Granted 512877 5/29/2000 6/4/2019 Dewatering Pulp USA 804-40007 Granted 6,668,600 12/30/2020	Bleaching	'(DQ)(PO) sequence'	Sweden	804-40055		Granted	526162	7/19/2005	1/23/2022	123
Distribution Device for a Dewatering Pulp Distribution Device for Bowatering Pulp Distribution Device for a Dewatering Pulp Distribution Device for a Dewatering Pulp Cranted Granted Granted Granted 6,668,600 12/30/2003	Bleaching	Method of Bleaching Pulp without using Chlorine Chemicals in a (QP)Z Bleaching Sequence	USA	804-40060		Granted	6,325,891	12/4/2001	6/8/2021	5/38
Distribution Device for a Device for USA 804-40007 Granted 6,668,600 12/30/2003 5/30/2020	Compact Press	Distribution Device for a Device for Dewatering Pulp	Sweden	804-40007		Granted	512877	5/29/2000	6/4/2019	8/4/
	Compact Press	Distribution Device for a Device for Dewatering Pulp	USA	804-40007		Granted	6,668,600	12/38/2003	5/30/2020	57 38

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LINETRADEMARK	TITLE	COUNTRY	No No	CASE	STATUS	PATENT NO	DATE	EXPIRATION DATE	PATE	APPL NO
DA Firess Files Compact Press Files (C	Device for the Treatment of a Fibrous Suspension (Compact Press 230 degree)	Austria	804-40008		Granted	1035250	12/4/2002	2/1/2020	2/1/2000	2080000200334
Do Tr Compact Press Fil (C	Device for the Treatment of a Fibrous Suspension (Compact Press 230 degree)	Canada	804-40008		Granted	2296241	10/15/2002	1/19/2020	1/19/2000	2296241
Do Tr Compact Press Fil (C	Device for the Treatment of a Fibrous Suspension (Compact Press 230 degree)	Finland	804-40008		Granted	1035250	12/4/2008	2/1/2626	2/1/2000	200000000034
Dy Tr Compact Press Fi (C	Device for the Treatment of a Fibrous Suspension (Compact Press 230 degree)	Germany	804-40008		Granted	1035250	12/4/2008	2/1/2626	2/1/2000	200000200334
De Compact Press Fil (c)	Device for the Treatment of a Fibrous Suspension (Compact Press 230 degree)	USA	804-46008	CON	Granted	6,521,094	2/18/2003	6/20/2020	9/7/2001	196,846/68
De Compact Press Fil (C	Device for the Treatment of a Fibrous Suspension (Compact Press 230 degree)	USA	804-40008		Granted	6,306,259	10/23/2001	1/20/2020	1/20/2000	09/488,699
Do Tr Compact Press Fil (C)	Device for the Treatment of a Fibrous Suspension (Compact Press 230 degree)	Sweden	804-40008		Granted	1035250	12/4/2008	2/1/2020	2/1/2000	200000000334

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Compact Press	Compact Press	Compact Press	Compact Press	Compact Press	Compact Press	Compact Press	Compact Press	PRODUCT LINE/TRADEMARK
Method and Device for Handling Cellulose Pulp	Method and Device for Handling Cellulose Pulp	Method and Device for Handling Cellulose Pulp	Method and Device for Handling Cellulose Pulp	Method and Device for Handling Cellulose Pulp	Method and Device for Handling Cellulose Pulp	Device for Distributing Cellulose Pulp of Low and Medium Consistency in Order to Form a Uniform Pulp Web	Device for Distributing Cellulose Pulp of Low and Medium Consistency in Order to Form a Uniform Pulp Web	TITLE
Finland	Austria	USA	Sweden	Brazil	Brazil	USA	Sweden	COUNTRY
804-40036	804-40036	804-40036	804-40036	804-40036	804-40036	804-46009	804-40009	GL&V Ref. No
		- 1486.				DIV		SUB
Opposed	Opposed	Granted	Granted	Pending	Pending	Granted	Granted	STATUS
1 584 743	AT E 466 995	7.887,671	526292			7,252,739	516335	PATENTNO
5/5/2010	5/5/2010	2/15/2013	8/16/2005			8/7/2007	12/17/2001	ISSUE DATE
3/30/2025	3/30/2025	10/31/2029	4/7/2024	4/7/2025	3/9/2025	11/18/2024	1/26/2021	EXPIRATION DATE
3/30/2005	3/30/2005	3/9/2005	4/7/2004	4/7/2005	3/9/2005	11/18/2004	1/26/2001	FILE
05075727-7	05075727-7	10/599092 (Filed Via PCT, CLAM/S priority to SE 0400940-3)	0400940-3	.P10501245-7	PI0509111-0	19/992,148	8100259-1	APPL NO

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PRODUCT LINE/TRADEMARK	TITLE	COUNTRY	GL&V Ref.	CASE	STATUS	PATENT NO	ISSUE DATE	EXPIRATION DATE	FILE	APPL NO
Compact Press	Method and Device for Handling Cellulose Pulp	Sweden	804-40036	≫.	Opposed	1 584 743	5/5/2010	3/30/2025	3/30/2005	05075727.7
Compact Press	Device for Diluting Shredded Celluloseic Particles/Chips	USA	804-40036	2.dlv	Granted	8,168,041	5/1/2012	<i>\$/7/</i> 2024	1/102/1/1	12/986,984
Horizontal Standpipe	Device and Method Withdrawing Cellulose Pulp from a Container	Austria	804-40022		Granted	E368148	7/25/2007	12/23/2024	12/23/2004	04829696-1
Horizontal Standpipe	Device and Method Withdrawing Cellulose Pulp from a Container	Sweden	804-40022	≯	Granted	52861802	12/27/2006	1/4/2025	1/4/2005	0501117-6
Horizontal Standpipe	Device and Method Withdrawing Cellulose Pulp from a Container	Sweden	804-40022		Granted	526220	8/2/2005	12/23/2023	12/23/2003	0303592-0
Horizontal Standpipe	Device and Method Withdrawing Cellulose Pulp from a Container	USA	804-40022		Granted	7,470,347	12/30/2008	6/19/2027	5/27/2006	10/596,075
Horizontal Standpipe	Device and Method Withdrawing Cellulose Pulp from a Container	Spain	804-40022		Granted	2 290 786	7/25/2007	12/13/2024	12/13/2004	04820698-1
Horizontal Standpipe	Device and Method Withdrawing Cellulose Pulp from a Confiamer	Finland	804-40022		Granted	1 702 102	7/25/2007	12/23/2024	12/23/2004	04820698-1
Horizontal Standpipe	Device and Method Withdrawing Cellulose Pulp from a	Portugai	804-40022		Granted	1 702 102	7/25/2007	12/23/2024	12/23/2004	04820698-1

Low Pressure Steam Mixing- DualSmixer	Horizonial Standpipe	Horizontal Standpipe		PRODUCT LINE/TRADEMARK			
Apparatus and method for introducing a first fluid into the flow path of a second fluid and use of such an apparatus	Apparatus and method for introducing a first fluid into the flow path of a second fluid and use of such an apparatus	Apparatus and method for introducing a first fluid into the flow path of a second fluid and use of such an apparatus	Apparatus and method for introducing a first fluid into the flow path of a second fluid and use of such an apparatus	Device and Method Withdrawing Cellulose Pulp from a Container	Device and Method Withdrawing Cellulose Pulp from a Container	Container	TITLE
Chile	Canada	Brazil	Sweden	Germany	Sweden		COUNTRY
804-40078	804-40078	804-40078	804-40078	804-40022	804-40022		GL&V Ref. No
					œ		SUB
Pending	Pending	Pending	Granted	Granted	Granted		STATUS
			535185 C2	60 2004 007 827.1- 08	1702102		PATENTNO
			5/15/2012	7/25/2007	7/25/2007		ISSUE DATE
			9/10/2030	12/23/2024	12/23/2024		EXPIRATION DATE
3/5/2013	9/9/2011	9/9/2011	9/10/2010	12/23/2004	12/23/2004		FILE
2013-617	2,810,367	112013005692-4	1000921-5	04820698-3	04820698-1		APPL NO

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PRODUCT LINE/TRADEMARK	TITLE	COUNTRY	GL&V Ref.	CASE	STATUS	PATENT NO.	ISSUE DATE	EXPIRATION DATE	FILE	APPL NO
Low Pressure Steam Mixing- DualSmixer	Apparatus and method for introducing a first fluid into the flow path of a second fluid and use of such an apparatus	China	804-40076		Published				5/10/2013	2011880054402
Low Pressure Steam Mixing- DualSmixer	Apparatus and method for introducing a first fluid into the flow path of a second fluid and use of such an apparatus	Europe	804-40078		Published				S1827/Z0/S	11823859.1
Low Pressure Steam Mixing- DuatSmixer	Apparatus and method for introducing a first fluid into the flow path of a second fluid and use of such an apparatus	Indonesia	804-40078		Published				3/6/2013	WO0201300986
Low Pressure Steam Mixing- DualSmixer	Apparatus and method for introducing a first fluid into the flow path of a second fluid and use of such an apparatus	India	804-40078		Pending				3/7/2013	2086deb2013
Low Pressure Steam Mixing- DualSmixer	Apparatus and method for introducing a first fluid into the flow path of a second fluid and use of such an apparatus	Japan	804-40078		Published				8/13/2013	2013-528169
Low Pressure Steam Mixing- DualSmixer	Apparatus and method for introducing a first fluid into the flow path of a second fluid and use of such an apparatus	SS.	804-40078		Pending				3/9/2013	13/821,979

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PRODUCT LINE/TRADEMARK	TITLE	COUNTRY	GL&V Ref.	SAS	STATUS	PATENT NO	ISSUE DATE	EXPIRATION DATE	PILE	APPL NO
DualSmix	High speed injector and two stage turbulence flap on DualSmix	Sweden	804-40083		Pending	·				
MPC Mixer - AUXILIARY EQUIPMENT	Apparatus for Mixing a First Fluid into a Second Fluid Using a Wedge-Shaped, Turbulence-Inducing Flow Restriction in the Mixing Zone	ASN	804-40030		Granted	5,558,200	9661/21/6	4/28/2015	4/28/1985	430,595
Охудеп	System for the Oxygen Delignification of Pulp Consisting of Lignocelluloxe-Containing Material	Austria	804-40042	≫ :	Granted	E327368	5/24/2006	6/21/2020	6/21/2000	00202159.0
Oxygen	System for the Oxygen Delignification of Pulp Consisting of Lignocellulose-Containing Material	Austria	804-40042	œ	Granted	E500383 (1 242 679)	3/2/2011	7/5/2020	7/5/2006	00946715-0
Охудеп	System for the Oxygen Delignification of Pulp Consisting of Lignocellulose-Containing Material	Austria	804-40042	Ö	Granted	AT E 468 435	5/19/2010	7/6/2020	7/6/2000	00946728-3
Oxygen	System for the Oxygen Delignification of Pulp Consisting of Lignocellulose-Containing Material	Brazil	804-40042	æ	Granted	P100011960-1	1/22/2013	7/5/2020	7/6/2000	P10011960-1

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PRODUCT LINETRADEMARK	TITLE	COUNTRY	GL&V Ref. No.	SUB CASE	STATUS	PATENT NO.	ISSUE DATE	EXPIRATION DATE	FILE DATE	APPL NO
Охудел	System for the Oxygen Delignification of Pulp Consisting of Lignocellulose-Contaming Material	Brazil	804-40042	3 O	Pending			7/8/2028	7/6/2000	P\$8011961-0
Охудеп	System for the Oxygen Delignification of Pulp Consisting of Lignocellulose Containing Material	Canada	804-40042	∢	Granted	2,312,403	3/18/2008	6/23/2020	8/21/2000	2,312,403
Охудеп	System for the Oxygen Delignification of Pulp Consisting of Lignocellulose-Containing Material	Cenada	804-40042	Ō	Granted	2,374,353	6/30/2009	7/6/2020	7/8/2000	2,374,353
Oxygen	System for the Oxygen Dolgnification of Pulp Consisting of Lignocellulose Containing Material	Canada	804-48042	æ	Granted	2,377,546	9/8/2009	T/5/2020	7/5/2000	2,3 <i>77</i> ,546
Охудеп	System for the Oxygen Delignification of Pulp Consisting of Lignocellulose Containing Material	Finland	804-40042	≫	Granted	1067237	5/24/2006	6/21/2020	6/21/2080	00202159.0
Oxygen	System for the Oxygen Delignification of Pulp Consisting of Lignocellulose- Containing Material	Finland	804-40042	œ	Granted	1242679	3/2/2011	7/5/2020	7/5/2000	0.0946715-0

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PRODUCT LINE/TRADEMARK	## Em	COUNTRY	GL&V Ref.	CASE SUB	STATUS	PATENT NO	ISSUE DATE	EXPIRATION DATE	FILE	APPL NO
Охудеп	System for the Oxygen Delignification of Pulp Consisting of Lignocellulose Contaming Material	Finland	804-40042	Ø.	Granted	1242680	5/19/2010	7/6/2028	7/6/2000	00946728-3
Oxygen	System for the Oxygen Daygen Delignification of Pulp Consisting of Lignocellulose Containing Material	Germany	804-40042	œ	Granted	600 45 689.7 (1 242 679)	3/2/2011	7/5/2020	7/5/2000	0.21734600
Охудеп	System for the Oxygen Delignification of Pulp Consisting of Lignocellulose Containing Material	Japan	804-40042	ω	Granted	4,610,145	10/22/2010	7/5/2020	7/5/2000	2001/508,408
Oxygen	System for the Oxygen Delignification of Pulp Consisting of Lignocellulose Containing Material	Japan	804-40042	, Co	Granted	4,707,293	3/25/2011	7.6/2020	7/8/2000	200 1/508,409
Охудеп	System for the Oxygen Delignification of Pulp Consisting of Lignocellulose Containing Material	Spain	804-40042	co.	Granted	1242679	3/2/2011	7/5/2020	7/5/2000	00946715-0
Oxygen	System for the Oxygen Delignification of Pulp Consisting of Lignocellulose- Containing Material	Sweden	804-40042		Granted	522 593	2/24/2004	7/6/2019	7/6/1999	8902586-8

Oxygen	Охудеп	Охудеп	Охудеп	Oxygen	Oxygen	PRODUCT LINETRADEMARK
Method for Oxygen Delignification of Cellulose Pulp by Mixing of Chemicals	System for the Oxygen Delignification of Pulp Consisting of Lignocellulose Containing Material	System for the Oxygen Delignification of Pulp Consisting of Lignocellulose Containing Material	System for the Oxygen Delignification of Pulp Consisting of Lignocellulose Containing Material	System for the Oxygen Delignification of Pulp Consisting of Lignocellulose-Containing Material	System for the Oxygen Delignification of Pulp Consisting of Lignocellulose Containing Material	TITLE
Sweden	USA	USA	USA	Sweden (via EP)	Sweden	COUNTRY
804-40046	804-40042	804-40042	804-40042	804-40042	804-40042	GL&V Ref.
	A1	>	Ç	c	B	SUB CASE
Granted	Granted	Granted	Granted	Granted	Granted	STATUS
526707	6,841,036	6,391,152	6,808,596	1242680	1 242 679	PATENTNO
10/25/2005	3/11/2005	5/21/2002	10/26/2004	5/19/2010	3/2/2011	ISSUE DATE
12/30/2024	5/21/2022	7/4/2020	7/8/2020	7/6/2020	7/5/2020	EXPIRATION DATE
12/30/2004	4/11/2082	8/12/2000	7/6/2000	7/6/2000	7/5/2000	FILE
0403202-5	30/121,170	09/592,135	30/030,637	00946726-3	00946715-0	APPL NO

PUMPS / DUFLO Pump Fibrou Suspe	PUMPS / DUFLO Fibrou Suspe	PUMPS / DUFLO Fibrou Suspe	PUMPS / DUFLO Fibrou	PUMPS Expan	PUMPS Expan	PUMPS Valve	Method an for Control of Control of Control of Control of Control Addition Gas and A Coxygen Delignification Chygen Gelignification Chygen Chygen Gelignification Chygen Gelignification Chygen Chy	PRODUCT LINE/TRADEMARK
Pump for Pumping Fibrous Pulp Suspensions	Expansion Unit for Piping Adjustment	Expansion Unit for Piping Adjustment	Valve System	Meltrod and System for Controlling the Addition of Oxygen Gas and Alkali During Oxygen Gas (K.Ref. Delignification (K.Ref. No. 0309)	TITLE			
Finland	Canada	Brazil	Austria	USA	Sweden	USA	Sweden	COUNTRY
804-40013	804-40013	804-40013	804-40013	804-40025	804-40025	804-40016	804-40040	GL&V Ref.
							:	CASE
Granted	Granted	Granted	Granted	Granted	Granted	Granted	Granted	STATUS
0961852	2161949	9610144	0211784	6.059,323	0859926	5,934,318	528000	PATENT NO
1/9/2002	1/9/2007	7/8/2003	1/9/2002	5/9/2000	2/20/2000	8/10/1999	6/14/2005	ISSUE DATE
8/27/2016	11/1/2015	8/27/2016	8/27/2016	7/28/2015	7/28/2015	6/22/2015	11/26/2023	EXPIRATION DATE
8/27/1996	8/27/1996	8/27/1996	8/27/1996	7/28/1995	7/28/1995	6/22/1985	11/26/2003	FRE
19969003693045	2381949	PI9610144-0	19969009693045	89/051 _{,4} 35	95931479-0	08/765,143	0303149-9	APPL NO

PRODUCT LINETRADEMARK	TITLE	COUNTRY	GL&V Ref.	CASE	STATUS	PATENTNO	ISSUE DATE	EXPIRATION DATE	FLE	APPL NO
PUMPS/DUFLO	Pump for Pumping Fibrous Pulp Suspensions	Germany	804-40013		Granted	69618678	1/9/2002	8/27/2016	8/27/1396	69618676.0
PUMPS/DUFLO	Pump for Pumping Fibrous Pulp Suspensions	Japan	804-40013		Granted	4,084,848	2/22/2008	8/27/2016	8/27/1996	3997-511,115
PUMPS/DUFLO	Pump for Pumping Fibrous Pulp Suspensions	Sweden	804-40013		Granted	504976	6/2/1997	9/7/2015	9/7/1995	9503072-2
PUMPS/DUFLO	Pump for Pumping Fibrous Pulp Suspensions	ASU	804-40013		Granted	268'919'9	4/1/1997	11/20/2015	11/20/1995	560975
SUPERBATCH	Batch Process for Prepairing Improved Kraft Pulp	Austria	804-40071		Granted	E202167	10/10/2001	4/16/2017	4/16/1997	97660041
SUPERBATCH	Batch Process for Preparing Improved Kraft Pulp	Canada	804-40071		Granted	2203096	6/28/2005	4/16/2017	4/16/1997	2203096
SUPERBATCH	Batch Process for Preparing Improved Kraft Pulp	Finland	804-40071		Granted	105929	30/31/2000	5/30/2016	5/30/1996	962260
SUPERBATCH	Batch Process for Preparing Improved Kraft Pulp	Sweden	804-40071		Granted	0810321	6-13-2001	4/16/2017	4/90/1997	97650041.1

Treatment of Cellulosic Material with a Chelating	Treatment of Cellulosic Material with a Chelating AGent Prior to A kaline Delignification	Treatment of Cellulosic Material with a Chelating AGent Prior to A kaline Delignification	SUPERBATCH Method for the Production of Precieaned Pulp	Method for the SUPERBATCH Production of Precisioned Pulp	SUPERBATCH Method for the Production of Precleaned Pulp	SUPERBATCH Method for the Production of Precisared Pulp	PRODUCT LINE/TRADEMARK
usa usa	# Finland	e Austria	USA	Sweden	Finland	Austria	COUNTRY
804-40073	804-40073	804-40073	804-40072	804-40072	804-40072	804-40072	GL&V Ref.
						3	CASE .
Granted	Granted	Granted	Granted	Granted	Granted	Granted	STATUS
6,413,367	122655	AT412405	6,533,896	0921228	122654	E287986	PATENT NO
07/02/2002	05/15/2012	02/25/2005	3/18/2003	1/26/2005	5/15/2012	7/25/2006	ISSUE DATE
16/27/2019	11/6/2018	10/27/2019	6/8/2020	11/18/2018	12/8/2017	11/18/2018	EXPIRATION DATE
10/27/1999	11/6/1998	10/27/1999	6/8/2000	11/18/1998	12/8/1997	11/18/1998	FILE
09/830,925	982411	-9111/99	89:589,706	98660126.8	197974455	98660126	APPL NO

PRODUCT	TITLE Batch Process for	COUNTRY	GL&V Ref.	C S S S S S S S S S S S S S S S S S S S	STATUS	PATENT NO.	ISSUE DATE	EXPIRATION DATE	FILE
SUPERBATCH	Batch Process for Producing Chemical Pulp by Removing and Reinfoducing Calcium-containing Spent Liquor in the Digester	Austria	804-40074		Granted	E 472630	6/30/2010	16/4/2020	10/4/2000
SUPERBATCH	Batch Process for Producing Chemical Pulp by Removing and Reinfoducing Calcium-containing Spent Liquor in the Digester	Canada	804-40074		Granted	2,38,414	5/12/2009	10/4/2020	10/4/2000
SUPERBATCH	Batch Process for Producing Chemical Pulp by Removing and Reintroducing Calcium-containing Spent Liquor in the Digester	Finland	804-40074		Granted	1242674	6/30/2010	10/4/2020	10/4/2000
SUPERBATCH	Batch Process for Producing Chemical Pulp by Removing and Reinfroducing Calcium-containing Spent Liquor in the Digester	Sweden	804-40074		Granted	1242674	6/30/2010	10/4/2020	10/4/2000
SUPERBATCH	Batch Process for Producing Chemical Pulp by Removing and Reinfoducing Calcium-containing Spent Liquor in the Digester	USA	804-40074		Granted	6,939,439	9/6/2005	10/4/2020	10/4/2000

PRODUCT LINE/TRADEMARK	TITLE	COUNTRY	GLSV Ref No	SUB CASE	STATUS	PATENT NO.	ISSUE DATE	EXPIRATION DATE	FILE DATE	APPL NO
SUPERBATCH	Batch Process for Preparing Pulp	Austria	804-40075		Granted	E 423 866	9/25/2009	12/22/2024	12/22/2004	04805227.8
SUPERBATCH	Batch Process for Preparing Pulp	Finland	804-40075		Granted	120361	9/30/2009	12/31/2023	12/31/2003	20031929
SUPERBATCH	Batch Process for Preparing Pulp	Sweden	804-40075		Granted	3702101	2/25/2009	12/22/2024	12/22/2004	04805227.8
SUPERBATCH	Production of Prehydrotyzed Putp	Austria	804-40076		Granted	E202166	10/10/2001	1/23/2015	1/23/1985	95905569.8
SUPERBATCH	Production of Prehydrolyzed Pulp	Canada	804-40076		Granted	2179914	10/10/2001	1/23/2015	1/23/1985	95905589
SUPERBATCH	Production of Prehydrolyzed Pulp	Sweden	804-40076		Granted	796367	6/13/2001	1/23/2015	1/23/1995	95905569.8

Trademarks:

TRADEMARK	COUNTRY	APPL NO	REG NO	STATUS	NEXT RENEWAL	GL&V REF NO
350 EZ™				Used		n/a
ALBIA®	Japan		1155804	Registered	2015-Sep-25	518-00009
ALBIA®	Sweden	80-0431	173383	Registered	2020-Aug-29	518-00009
ALBIA®	Sn		3,008,651	Registered	2015-Oct-25	518-00009
Auto-Flyte™	sn			Used		418-00440
BARRACUDA®	Sn		768418	Registered	2024-Apr-21	418-00401
BELPURGE™	รถ			Used		418-00150
B}-Flo™	รก			Used		418-00455
BOOSTERBAG®	Europe		004414868	Registered	2015-May-26	518-00042
BOOSTERBAG®	Japan		4999612	Registered	2016-Oct-27	518-00042
BOWPIPE™	Sweden			Used		808-80012
BTF 76	us			Used		418-00433
CAMERON®	S		0797750	Registered	2015-Oct-19	418-00147
Celleco Twister®	Brazii		827949570	Registered	2018-Jun-03	518-00041
Celleco Twister®	Europe		064414975	Registered	2015-May-26	518-00041
Celleco Twister®	Japan	2012-51834	5572580	Registered	2023-Apr-05	518-00041

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TRADEMARK	COUNTRY	APPL NO	REG NO.	STATUS	NEXT RENEWAL	GL&V REF NO.
Celleco Twister®	sn		3,274,439	Registered	2017-Aug-07	518-00041
Celleco Twister***	Canada			Used		518-00041
CELLECO®	Europe	008552515	008552515	Registered	2019-Sep-16	518-00001
CENTERDISC®	Finland		108664	Registered	2020-Sep-05	518-00007
CENTERDISC®	Germany		1124129	Registered	2017-Oct-31	518-00007
CENTERDISC®	United Kingdom		1329313	Registered	2014-Dec-10	518-00007
CENTERDISC®	้บร	77/899032	3,825,053	Registered	2020-Jul-27	518-00007
C-Former***	ยย			Used		418-00437
Cleanpac®	Austria		219 384	Registered	2024-Aug-31	518-00004
Cleanpac®	Germany		304 21 737	Registered	2024-Apr-18	518-00004
Cleanpac®	Sweden		139480	Registered	2022-May-19	518-00004
Cleanpac®	United Kingdom		2015287	Registered	2015-Mar-23	518-00004
Cleanpac®	US		3,246,710	Registered	2017-May-29	518-00004
CLEANVAC®	Brazil		006986471	Registered	2019-Sep-10	518-00002
CLEANVAC®	Sweden		165220	Registered	2018-Oct-20	518-00002
CLEANVAC®	ÙS		2,925,374	Registered	2015-Feb-08	518-00002
CLOVE-ROTOR®	Canada		TMA366513	Registered	2020-Mar-09	418-00403

TRADEMARK	COUNTRY	APPL NO	REG. NO.	STATUS	NEXT RENEWAL	GL&V REF NO
COMPACT PRESS®	Sweden		345410	Registered	2021-Apr-01	\$08-800†
COMPACT PRESS®	US		2801605	Registered	2023-Dec-30	1,0008-808
CONCEPT3***	SU			Used		418-00454
Conflo ¹⁸	S			Used		R)/88
CORU-DEK®	Sn	78636782	3090210	Registered	2016-May-09	418-00404
CSS in	Sn			Used		808-80024
@QQ	Italy		1564852	Registered	2023-Sep-02	418-00405
DD®	Sn		1291871	Registered	2024-Aug-28	418-00405
Detecta-Flyte™	US			Used	:	418-00441
DiamondFoil ^{ns}				Used		608-80027
DIFEED®	Brazil	827182775	827182775	Registered	2020-Jul-20	808-80010
DIFEED®	Sweden		377966	Registered	2016-Jan-13	808-80010
DIFEED®	บร		3,114,500	Registered	2016-Jul-11	808-80010
DIFEED®	World (Austria, Germany, Japan)		871 475	Registered	2015-Feb-04	808-80010
DR-214	ÜS			Used		418-00432
DualConic 18				Used		808-80026

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TRADEMARK	COUNTRY	APPL NO.	REG NO.	STATUS	NEXT RENEWAL	GL&V REF. NO.
Dua)C™	US			Used		808-80023
DualDmix®	Sweden		348390	Registered	2021-Aug-31	808-80003
DualDmix®	SU		2723112	Registered	2023-Jun-10	808-80003
DuaiDmix®	World (Austria, Germany, Finland)		755279	Registered	2020-Nov-23	808-80003
DualD™	Sweden			Used		808-80018
DualOmix®	Sweden		348388	Registered	2021-Aug-31	808-80004
DuaiOmix®	US	77857141	3,806,376	Registered	2020-Jun-22	808-80004
DualOmix®	World (Austria, Germany, Finland)		755277	Registered	2020-Nov-23	808-80004
DualOx®	Canada		1058728	Registered	2017-Apr-30	808-80014
DualOx®	Finland		FI 220374	Registered	2021-Feb-28	808-80014
DualOx®	Japan		4474052	Registered	2021-May-11	808-80014
DualOx®	Sweden		344 391	Registered	2021-Feb-02	808-80014
DualOx®	US			Used		808-80014
DualQn	ÙS			Used		808-80022
DualSmix®	Europe	009422254	009422254	Registered	2020-Oct-05	808-80028
DualSmix®	US	85/271053	4,152,679	Registered	2022-Jun-05	808-80028

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TRADEMARK	COUNTRY	APPL NO	REG NO	STATUS	NEXT RENEWAL	GL&V REF NO
DualSmix ^{Tie}	Brazil	830997946		Published		806-80028
DuaiSmix***	Canada			used		808-80028
DualXcluder®	Europe		008148116	Registered	2019-Mar-11	808-80025
DualZmix®	Sweden		348389	Registered	2021-Aug-31	808-8006
DualZmix®	World (Austria, Germany, Finland)		755276	Registered	2020-Nov-23	808-8005
DUFLO®	Brazil		822987163	Registered	2016-Jun-06	808-80002
DUFLO®	Canada		565024	Registered	2017-Jui-22	808-80002
DUFLO®	Europe		1718576	Registered	2020-Jun-21	808-80002
DUFLO®	Sweden		312768	Registered	2016-May-10	808-80002
DUFLO®	့ပန		2082954	Registered	2017-Jul-29	808-80002
DYNADIL®	Sweden		373209	Registered	2015-Jun-17	808-80008
DYNADISC***	Sweden			Used		806-80011
E-Line™				Used		n/a
ENER-VAC**	ÜS			Used		418-00450
EQUA-FLO®	ÚS		3,192,005	Registered	2017-Jan-02	418-00149
EV02®	Europe		E2612513	Registered	2022-Mar-13	518-00046
FIBERMIZER®	Denmark		VR198501893	Registered	2015-Jul-05	518-00006

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TRADEMARK	COUNTRY	APPL, NO.	REG NO	STATUS	NEXT RENEWAL	GL&V REF. NO.
FIBERMIZER®	Finland		94986	Registered	2016-Feb-05	518-00006
FIBERMIZER®	France		1282701	Registered/renewal pending	2014-Aug-27	518-00006
FIBERMIZER®	Germany		1079219	Registered	2024-Aug-31	518-00006
FIBERMIZER®	Norway		121707	Registered	2015-Jul-25	518-00006
FIBERMIZER®	Sweden		193476	Registered	2024-Nov-09	518-00006
FIBERMIZER®	United Kingdom		1225786	Registered	2015-Sep-04	518-00006
FIBRESAVER™	SN			Used		418-00449
FIBTRAP®	Sweden		373231	Registered	2015-Jun-17	808-80009
Flexible™	Sn			Used		n/a
HEDEMORA®	Sweden		262692	Registered	2014-Dec-16	518-00008
HELIDYNE™	US			Used		418-00151
HI-Q®	US		2,878,656	Registered	2024-Aug-31	418-00430
HI-SHEAR TW	US			Used		418-00410
Hydra-Nip TM	ÜS			Used		418-00439
HYDRA-SIZER™	Canada			Used		418-00411
HYDRA-SIZER™	US		2585824	Used		418-00411
Hydro-Flex™	Us			Used		N/a

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TRADEMARK	COUNTRY	APPL NO.	REG. NO.	STATUS	NEXT RENEWAL	GL&V REF. NO.
Hydro-Flyte™	SU			Used		418-00434
IMPCO®	Austria		64258	Registered	2019-May-31	418-00412
IMPCO®	Brazil		6706894	Registered	2018-Jun-25	418-00412
IMPCO®	Germany		897644	Registered	2018-Dec-31	418-00412
JETMIXER®	Canada		608129	Registered	2019-Apr-20	808-80006
JETMIXER®	Sweden		360593	Registered	2023-Apr-17	808-80006
JETMIXER®	SO		2826879	Registered	2024-Mar-23	808-80006
JONES®	Brazii		3916464	Registered	2019-Mar-28	418-00413
Euthi TM	Sn			Used		418-00448
MagTrim TM	US			Used		418-00458
MCP***	Sweden			Used		808-80019
MPC"**	Sweden			Used		808-80020
PERPLAS®	Finland		96634	Registered	2016-Sep-22	518-00047
PERPLAS®	United Kingdom		970857	Registered	2016-Feb-05	518-00047-a
POLYDISK®	US		800667	Registered	2015-Dec-21	418-00416
POLYRAMIC®	United Kingdom		2175307	Registered	2018-Aug-19	518-00048
POSIFLOW™	C C C C C C C C C C C C C C C C C C C			Used		418-00152

TRADEMARK	COUNTRY	APPL NO	REG. NO.	STATUS	NEXTRENEWAL	GL&V REF NO.
PREPOX®	Sweden		307.256	Registered	2015-Dec-22	808-80015
Quick-Jet TM	US			Used		n/a
RED BARON ^{TN}	SU			Used		418-00158
REELTIGHT"	US			Used		418-00153
RELEASEPLUS™	US			Used		418-00154
REPOX®	Sweden		318 057	Registered	2016-Oct-04	808-80016
SANDALYZER™	Sweden		;	Used		518-00010
Sandy Hill TM	บร			Used		418-00442
S-Former™	US			Used		418-00436
SHARK®	ÜS		780952	Registered	2014-Dec-01	418-00420
SLIDEPAC®	Chile	1.002.007	1.063.819	Registered	2023-Dec-17	518-00052
SLIDEPAC®	Europe	010321828	010321826	Registered	2021-Oct-7	518-00052
SLIDEPAC®	US	85589195	4,249,780	Registered	2022-11-27	518-00052
SLIDEPAC®	WO (Australia, China, Japan, Korea, Norway, Russia, Turkey, Ukraine)	1115684	1 115 884	Registered	2022-Apr-5	518-00052
SLIDEPACT	Bitazil	840084129	4	Published		518-00052

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418-00427	2024-Jan-20	Registered	2,806,471		US	TRI-O®
n/a		Used			SFI	Tri-Dyne™
418-00435		Used			S	Top-Flyte ***
518-00056		Used				TamThickener***
n/a		Used				TamScreen ⁷⁵⁵
518-00053	2022-Apr-24	Registered	010831378	010831378	Europe	TamPulping®
nvæ		Used				TamPulper TM
518-00055		Used				TamDrum™
418-00456		Used			US	SUPERLOC™
808-80007	2022-Jun-05	Registered	119465		Finland	SUPER BATCH®
418-00423	2016-Jul-27	Registered	103952		Canada	STOCKMASTER®
418-00422	2015-Feb-08	Registered	2,925,331		US	STINGRAY®
418-00422	2017-Sep-11	Registered	827116209		Brazil	STINGRAY®
808-80013		Used			Sweden	STANDPIPE TH
808-80021		Used			ÜS	Smart Filtrate TM
518-00052		Pending		2012-015704	Indonesia	SLIDEPAC***
518-00052		Allowed		1571850	Canada	SLIDEPAC***
GL&V REF NO	NEXT RENEWAL	STATUS	REG. NO.	APPL NO	COUNTRY	TRADEMARK

Schedule A

1376266 Registered Used Used Used TMA170372 Registered Used Used Used Used Used Used Used Us	d 2015-Aug-07 d 2015-May-26 d 2017-Aug-07
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GL&V®	GL&V®	GL&V and Design®	GL&V and Design®	GL&V and Design®	GL&V and Design®	GL&V and Design®	GL&V and Design®	GL&V and Design®
Corp	Corp	Corp	Corp	Corp	Corp	Corp	Corp	Corp
SU	European Community	SN	India	European Community	China	China	China	China
			1335864					
2,804,044	002414084	2,793,681	759921	002414092	4225362	4571329	4225364	4225363
Registered	Registered	Registered	Registered	Registered	Registered	Registered	Registered	Registered
2024-Jan-12	2021-Oct-16	2023-Dec-16	2015-Feb-2	2021-Oct-16	2016-Dec-27	2018-Jan-20	2018-Feb-06	2016-Dec-27
618-00429	618-00429	618-00428	618-00428	618-00428	618-00428	618-00428	618-00428	618-00428