PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
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EPAS ID: PAT4745797

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ALBERTA INNOVATES	11/01/2016

RECEIVING PARTY DATA

Name:	INNOTECH ALBERTA INC.
Street Address:	250 KARL CLARK ROAD
City:	EDMONTON
State/Country:	ALBERTA
Postal Code:	T6N1E4

PROPERTY NUMBERS Total: 50

Property Type	Number
Patent Number:	6167966
Patent Number:	6186232
Patent Number:	6224763
Patent Number:	6230814
Patent Number:	6257334
Patent Number:	6591908
Patent Number:	6607645
Patent Number:	6610781
Patent Number:	6631761
Patent Number:	6737472
Patent Number:	6752256
Patent Number:	6779646
Patent Number:	6824907
Patent Number:	6846588
Patent Number:	6893762
Patent Number:	6936367
Patent Number:	7077124
Patent Number:	7141407
Patent Number:	7182848
Patent Number:	7235321

Property Type	Number
Patent Number:	7258936
Patent Number:	7326456
Patent Number:	7328743
Patent Number:	7364640
Patent Number:	7452622
Patent Number:	7658780
Patent Number:	7658873
Patent Number:	7663757
Patent Number:	7677313
Patent Number:	7732076
Patent Number:	7736772
Patent Number:	7740062
Patent Number:	7811343
Patent Number:	7892397
Patent Number:	7892684
Patent Number:	7938182
Patent Number:	7956092
Patent Number:	7981233
Patent Number:	8016039
Patent Number:	8105430
Patent Number:	8349510
Patent Number:	8363216
Patent Number:	8460572
Patent Number:	8709674
Patent Number:	8893788
Patent Number:	9145562
Application Number:	14663344
Application Number:	15091815
Application Number:	15274303
Application Number:	15724841

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	GP 28360-1
NAME OF SUBMITTER:	RONAN O'BYRNE
SIGNATURE:	/Ronan O'Byrne/
DATE SIGNED:	12/21/2017

Total Attachments: 13

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PATENT ASSIGNMENT

The undersigned, **Alberta Innovates** (the "Assignor") whose full post office address is 250 Karl Clark Road Edmonton, Alberta T6N 1E4 CANADA for ten ($10.00) dollars and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, does hereby assigns to **InnoTech Alberta Inc.** (the "Assignee") whose full post office address is 250 Karl Clark Road Edmonton, Alberta T6N 1E4 CANADA, all the Assignor's right, title and interest in and to the following issued patents and patent applications (the "Patents"), and in and to the inventions described in the Patents including all divisions, continuations, continuations-in-part, national phase entries, substitutions, re-issues, renewals re-examinations and extensions and new applications filed in respect of the Patents and or of said inventions in attached Schedule "A". This assignment includes, but is not limited to, Assignee's right to (a) be named as the assignee of Patents in the records of patent offices worldwide and (b) sue and recover for past, present, and future damages resulting from the infringement of the Patents and freely control any such lawsuits or settlements of the same.

To the extent (if any) that any of the Patents generates a "right of priority" and is within the "period of priority" at the date of this Assignment, the Assignor hereby assigns to the Assignee such rights of priority. For the purposes of this Assignment, the expressions "right of priority" and "period of priority" have the meanings given to them in the Paris Convention for the Protection of Industrial Property, as amended from time to time, and shall be understood as including any equivalent expressions in any national or supra-national legislation that gives effect to that Convention.

The Assignor covenants and agrees that it will, at any time on request of the Assignee, execute and deliver any and all papers and do all lawful acts that may be necessary or desirable, in the opinion of the Assignee, to enable and assist the Assignee to (a) obtain issued Patents, both domestic and foreign, on said inventions; (b) establish, maintain and secure title in the Assignee, its successors and assigns, to said inventions and the Patents, including making such title of lawful public record; and (c) defend, establish or otherwise preserve the validity of said issued Patents against any and all infringers. Assignor further agrees to perform such other lawful acts as are necessary to give full force and effect to this assignment.

The Assignor represents and warrants that no assignment, mortgage sale, license, pledge, encumbrance or alienation of said inventions or Patents has been, or will be made, or entered into, which would conflict with this assignment and sale.

The Assignor hereby declares that all statements made herein of its own knowledge are true and that all statements made on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like so made may jeopardize the validity of any patent applications filed in respect of the inventions or of any patents issued thereon.

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IN TESTIMONY WHEREOF, the Assignor has duly executed this assignment as its free act and deed. Signed at Edmonton, Alberta as of November 1, 2016.

ALBERTA INNOVATES

Per: _____
Name: Pamela Valentine
Title: Transition Chief Executive Officer

Per: _____
Name: Maureen Fromhart
Title: Vice President, Finance

CERTIFICATE OF WITNESS

I acknowledge that I was personally present and did see Pamela Valentine and Maureen Fromhart who are personally known to me, duly execute the above assignment on the date therein set forth.

Signature of Witness: _____

Name of Witness: Jelaine Lord

Address of Witness: 3608 33rd Street NW, Calgary AB T2L 2A6

IN TESTIMONY WHEREOF, the Assignee freely accepts and has duly executed this assignment as its free act and deed. Signed at Edmonton, Alberta as of November 1, 2016.

INNOTECH ALBERTA INC.

Per: _____
Name: Maureen Fromhart
Title: Vice President, Finance

Per: _____
Name: Ross Chow
Title: Managing Director

CERTIFICATE OF WITNESS

I acknowledge that I was personally present and did see Maureen Fromhart and Ross Chow who are personally known to me, duly execute the above assignment on the date therein set forth.

Signature of Witness: _____

Name of Witness: Jelaine Lord

Address of Witness: 3608 33rd Street NW, Calgary AB T2L 2A6

SCHEDULE "A"

Internal Docket No.	Title	Country	Application No.	Grant No.	Application Date	Grant Date
IP0110CA01	Reservoir Fluids Production Apparatus and Method	Canada	2,200,665	2,200,665	21/03/1997	31/07/2001
IP0114AU01	Structural Board of Straw	Australia	84281/98	746407	24/12/1999	02/05/2002
IP0114CA03	Structural Board of Straw	Canada	2,296,554	2,296,554	17/07/1998	09/01/2007
IP0114CN01	Structural Board of Straw	China	98807541.5	1095735C	17/07/1998	11/12/2002
IP0114DE01	Structural Board of Straw	Germany	98934713.3	69800755.7	22/02/2000	02/05/2001
IP0114GB01	Structural Board of Straw	United Kingdom	98934713.3	998379	22/02/2000	02/05/2001
IP0114JP01	Structural Board of Straw	Japan	2000-503972	4313514	17/07/1998	22/05/2009
IP0114KR01	Structural Board of Straw	Republic of Korea	2000-7000645	567085	21/01/2000	27/03/2006
IP0114TR01	Structural Board of Straw	Turkey	5455	TR200000234 B	25/01/2000	21/09/2001
IP0114US01	A Method of Fabricating a Straw Panel, Board, or Beam	United States	09/119,041	5,932,038	20/07/1998	03/08/1999
IP0114US02	A Device for Longitudinally Splitting Pieces of Straw into Separated Strands	United States	09/290,390	6,131,635	12/04/1999	17/10/2000
IP0259CA01	Biocontrol Agent and Fungicide for Blackleg Disease	Canada	2,238,289	2,238,289	20/05/1998	06/08/2013
IP0290CA01	Hollow-Fiber Membrane Devices and Methods of Assembly	Canada	2,368,069	2,368,069	05/05/2000	08/07/2008
IP0290US01	Hollow-Fiber Membrane Devices and Methods of Assembly	United States	09/305,655	6,224,763	05/05/1999	01/05/2001
IP0291CA01	Production of Hollow Ceramic Membranes by Electrophoretic Deposition	Canada	2,308,092	2,308,092	10/05/2000	21/10/2008
IP0291CA02	Production of Hollow Ceramic Membranes by Electrophoretic Deposition	Canada	2,614,620	2,614,620	10/05/2000	02/02/2010
IP0291JP01	Production of Hollow Ceramic Membranes by Electrophoretic Deposition	Japan	2001-582613	5030359	08/01/2002	06/07/2012

Internal Docket No.	Title	Country	Application No.	Grant No.	Application Date	Grant Date
IP0291US01	Production of Hollow Ceramic Membranes by Electrophoretic Deposition	United States	09/583,274	6,607,645	31/05/2000	19/08/2003
IP0291US02	Production of Hollow Ceramic Membranes by Electrophoretic Deposition	United States	10/249,735	7,182,848	05/05/2003	27/02/2007
IP0324CA02	Reinforced Networked Polymer/Clay Alloy Composite	Canada	2,310,483	2,310,483	26/05/2000	04/05/2004
IP0324US02	Reinforced Networked Polymer/Clay Alloy Composite	United States	09/579,701	6,610,781	26/05/2000	26/08/2003
IP0324US03	Reinforced Networked Polymer/Clay Alloy Composite (GSL)	United States	10/413,679	6,737,472	15/04/2003	18/05/2004
IP0357CA02	Method and Apparatus for Separating Liquid Droplets from a Gas Stream	Canada	2,552,760	2,552,760	26/01/2005	15/09/2009
IP0357US01	Method and Apparatus for Separating Liquid Droplets from a Gas Stream	United States	10/585,774	7,811,343	13/04/2007	12/10/2010
IP0387CA01	Process for Recovering Methane and/or Sequestering Fluids in Coal Beds	Canada	2,425,930	2,425,930	20/11/2001	18/12/2007
IP0387US02	Process for Recovering Methane and/or Sequestering Fluids	United States	09/740,081	6,412,559	18/12/2000	02/07/2002
IP0409CA01	Toe-to-Heel Oil Recovery Process	Canada	2,246,461	2,246,461	02/09/1998	18/06/2002
IP0409US01	Toe-to-Heel Oil Recovery Process	United States	09/148,682	6,167,966	04/09/1998	02/01/2001
IP0463AR01	A System and Method for Detecting a Damaged or Missing Machine Part	Argentina	P070102051	AR060900B1	11/05/2007	29/09/2011
IP0463CA01	A System and Method for Detecting a Damaged or Missing Machine Part	Canada	2,546,758	2,546,758	12/05/2006	07/07/2009
IP0463CL01	A System and Method for Detecting a Damaged or Missing Machine Part	Chile	1329-2007	47110	09/05/2007	09/11/2010
IP0463PE01	A System and Method for Detecting a Damaged or Missing Machine Part	Peru	571-2007	6324	11/05/2007	20/01/2012

Internal Docket No.	Title	Country	Application No.	Grant No.	Application Date	Grant Date
IP0463US01	A System and Method for Detecting a Damaged or Missing Machine Part	United States	12/300,257	8,411,930	10/11/2008	02/04/2013
IP0470AT01	Methods of Straw Fibre Processing	Austria	2719577.5	1377418	13/10/2003	18/05/2011
IP0470CA02	Straw Fibre Processing (Straw MDF)	Canada	2,442,999	2,442,999	03/04/2002	29/07/2008
IP0470CH01	Methods of Straw Fibre Processing	Switzerland	2719577.5	1377418	13/10/2003	18/05/2011
IP0470DE01	Methods of Straw Fibre Processing	Germany	2719577.5	60240064.3	13/10/2003	18/05/2011
IP0470ES01	Methods of Straw Fibre Processing	Spain	2719577.5	1377418	13/10/2003	18/05/2011
IP0470FR01	Methods of Straw Fibre Processing	France	2719577.5	1377418	13/10/2003	18/05/2011
IP0470GB01	Methods of Straw Fibre Processing	United Kingdom	2719577.5	1377418	13/10/2003	18/05/2011
IP0470IT01	Methods of Straw Fibre Processing	Italy	2719577.5	1377418	13/10/2003	18/05/2011
IP0470NL01	Methods of Straw Fibre Processing	Netherlands	2719577.5	1377418	13/10/2003	18/05/2011
IP0470US01	Methods of Straw Fibre Processing	United States	10/221,999	6,929,854	19/09/2002	16/08/2005
IP0475CA01	Tubular Solid Oxide Fuel Cell Stack (Ceramic Foam Matrix)	Canada	2,475,906	2,475,906	10/08/2004	30/10/2012
IP0475US01	Tubular Solid Oxide Fuel Cell Stack (Ceramic Foam Matrix)	United States	10/078,548	6,824,907	14/02/2002	30/11/2004
IP0475US02	Tubular Solid Oxide Fuel Cell Stack (Ceramic Foam Matrix)	United States	10/504,624	7,736,772	29/04/2005	15/06/2010
IP0475US03	Improved Fuel Cell Support Structure	United States	11/303,042	8,709,674	15/12/2005	29/04/2014
IP0477CA02	Low Density Oriented Strand Board	Canada	2,456,875	2,456,875	09/02/2002	08/12/2009
IP0477CA03	Low Density Oriented Strand Board	Canada	2,682,956	2,682,956	09/09/2009	19/07/2011
IP0477DE01	Low Density Oriented Strand Board	Germany	2754019.4	60229264.6	24/02/2004	08/10/2008
IP0477FR01	Low Density Oriented Strand Board	France	2754019.4	1414630	24/02/2004	08/10/2008
IP0477GB01	Low Density Oriented Strand Board	United Kingdom	2754019.4	1414630	24/02/2004	08/10/2008
IP0477US01	Low Density Oriented Strand Board	United States	10/485,949	7,326,456	03/06/2004	05/02/2008
IP0477US02	Low Density Oriented Strand Board	United States	11/944,561	7,658,873	23/11/2007	09/02/2010
IP0489CA01	Chickweed Bioherbicides	Canada	2,421,373	2,421,373	07/03/2003	02/07/2013

Internal Docket No.	Title	Country	Application No.	Grant No.	Application Date	Grant Date
IP0489US01	Chickweed Bioherbicides	United States	10/793,643	7,141,407	05/03/2004	28/11/2006
IP0494US01	Hollow Inorganic Membranes Produced by Metal or Composite Electrodeposition	United States	10/053,241	6,846,588	16/01/2002	25/01/2005
IP0553CA01	Chemimechanical Desilication of Nonwood Plant Materials	Canada	2,526,406	2,526,406	18/11/2005	26/06/2012
IP0553CN01	Chemimechanical Desilication of Nonwood Plant Materials	China	200480015248.X	ZL200480015248.X	07/09/2004	24/03/2010
IP0553FI01	Mechano-Chemical Pulping of Non-Wood Fibres	Finland	4761802	1664421	15/03/2006	07/12/2011
IP0553IN01	Chemimechanical Desilication of Nonwood Plant Materials	INDIA	5438/DELNP/2005	244970	25/11/2005	28/12/2010
IP0553SE01	Mechano-Chemical Pulping of Non-Wood Fibres	Sweden	4761802	1664421	15/03/2006	07/12/2011
IP0553US02	Mechano-Chemical Pulping of Non-wood Fibres (desilication-Agrifibre Mill)	United States	10/711,277	7,364,640	07/09/2004	29/04/2008
IP0556US01	Solid Oxide Fuel Cell System	United States	10/156,755	6,936,367	23/05/2002	30/08/2005
IP0556US02	Solid Oxide Fuel Cell System	United States	10/997,787	7,235,321	23/11/2004	26/06/2007
IP0558US01	Metal Supported Tubular Micro-Fuel Cell	United States	10/207,668	6,893,762	25/07/2002	17/05/2005
IP0558US02	Metal-Supported Tubular Fuel Cell	United States	10/522,235	7,452,622	09/08/2005	18/11/2008
IP0573CA02	Method of Reducing Water Influx into Gas Wells	Canada	2,552,525	2,552,525	05/07/2006	31/03/2009
IP0573US01	Method of Reducing Water Influx into Gas Wells	United States	10/585,397	8,016,039	06/07/2006	13/09/2011
IP0593CA02	Heating Solid Oxide Fuel Cell Stack	Canada	2,555,936	2,555,936	10/08/2006	02/10/2012
IP0593US01	Heating Solid Oxide Fuel Cell Stack	United States	10/597,939	7,732,076	31/03/2007	08/06/2010
IP0597CA01	Wall Integrated Thermal Solar Collector with Heat Storage Capacity	Canada	2,433,925	2,433,925	22/07/2003	14/06/2011

Internal Docket No.	Title	Country	Application No.	Grant No.	Application Date	Grant Date
IP0597US01	Wall Integrated Thermal Solar Collector with Heat Storage Capacity	United States	10/896,178	7,077,124	21/07/2004	18/07/2006
IP0600CA01	Process for Reducing Permeability in a Subterranean Formation	Canada	2,191,512	2,191,512	28/11/1996	05/08/2003
IP0600US01	Process for Reducing Permeability in a Subterranean Formation	United States	08/760,573	6,143,699	04/12/1996	07/11/2000
IP0600US02	Controlling Fluid Flow in a Subterranean Formation with a Reinforced Clay Gel	United States	09/592,159	6,720,292	12/06/2000	13/04/2004
IP0607CA01	Enhanced Oil Recovery by Altering Wettability	Canada	2,250,648	2,250,648	19/10/1998	24/09/2002
IP0607US01	Enhanced Oil Recovery by Altering Wettability	United States	09/176,123	6,186,232	21/10/1998	13/02/2001
IP0609CA01	Solvent-Assisted Method for Mobilizing Viscous Heavy Oil	Canada	2,185,837	2,185,837	18/09/1996	07/08/2001
IP0610CA02	Wellbore Sand Control Method	Canada	2,180,758	2,180,758	08/07/1996	02/10/2001
IP0652CA01	Steam-Assisted Gravity Drainage Heavy Oil Recovery Process	Canada	2,277,378	2,277,378	08/07/1999	24/09/2002
IP0652US02	Steam-Assisted Gravity Drainage Heavy Oil Recovery Process	United States	09/359,582	6,257,334	22/07/1999	10/07/2001
IP0676CA01	Wet Electric Heating Process	Canada	2,469,890	2,469,890	02/12/2002	15/04/2008
IP0676US02	Wet Electric Heating Process	United States	10/016,626	6,631,761	10/12/2001	14/10/2003
IP0709CA01	Process for Enhancing Hydrocarbon Mobility Using a Steam Additive (ES-SAGD)	Canada	2,323,029	2,323,029	10/10/2000	16/03/2004
IP0709US01	Process for Enhancing Hydrocarbon Mobility Using a Steam Additive	United States	09/417,883	6,230,814	14/10/1999	15/05/2001
IP0709VZ01	Proceso Para Mejorar La Vovilidad De Hidrocarburos Usando Un Aditivo	Venezuela	2271-00		11/10/2000	00/00/0000

Internal Docket No.	Title	Country	Application No.	Grant No.	Application Date	Grant Date
IP0816CA01	Hydrocarbon Production Process with Decreasing Steam and/or Water/Solvent Ratio	Canada	2,391,721	2,391,721	26/06/2002	22/05/2007
IP0816US01	Hydrocarbon Production Process with Decreasing Steam and/or Water/Solvent Ratio	United States	09/934,963	6,591,908	22/08/2001	15/07/2003
IP0843CA02	Method for Controlling Water Influx into Wellbores by Blocking High Permeability Channels	Canada	2,519,039	2,519,039	13/09/2005	25/05/2010
IP0843US01	Method for Controlling Water Influx into Wellbores by Blocking High Permeability Channels	United States	11/574,843	7,677,313	07/03/2007	16/03/2010
IP0843VZ01	Method for Controlling Water Influx into Cold Production Wells Using Sandy Gels	Venezuela	2005-001870		15/09/2005	00/00/0000
IP0852CA01	System and Method for the Recovery of Hydrocarbons by In-Situ Combustion	Canada	2,650,130	2,650,130	16/01/2009	13/03/2012
IP0852US01	System and Method for the Recovery of Hydrocarbons by In-Situ Combustion	United States	12/022,310	7,740,062	30/01/2008	22/06/2010
IP0852VZ01	System and Method for the Recovery of Hydrocarbons by In-Situ Combustion	Venezuela	2009-001570		29/01/2009	00/00/0000
IP0886CA02	Enhanced Permeability Subterranean Fluid Recovery System and Methods	Canada	2,752,461	2,752,461	15/09/2011	23/09/2014
IP0886US01	Enhanced Permeability Subterranean Fluid Recovery System and Methods	United States	13/234,853	8,893,788	16/09/2011	25/11/2014
IP1004US02	Controlling Solid Oxide Fuel Cell Operation	United States	10/971,592	7,258,936	21/10/2004	21/08/2007
IP1007CA02	Heat Exchanger for Fuel Cell Stack	Canada	2,549,661	2,549,661	14/06/2006	03/07/2012
IP1007US01	Heat Exchanger for Fuel Cell Stack	United States	11/454,617	7,892,684	15/06/2006	22/02/2011

Internal Docket No.	Title	Country	Application No.	Grant No.	Application Date	Grant Date
IP1023CA01	Continuous Measurement of Amine Loading Gas Processing Plants Using Raman Spectroscopy	Canada	2,719,339		25/03/2009	00/00/0000
IP1023US02	Continuous Measurement of Amine Loading Gas Processing Plants Using Raman Spectroscopy	United States	12/411,130	8,363,216	25/03/2009	29/01/2013
IP1026CA01	Container Flooring Material and Method of Manufacture	Canada	2,479,559	2,479,559	27/08/2004	14/02/2012
IP1026US02	Bamboo Wood Composite Board (Container Flooring Material and Method of Manufacture)	United States	12/816,098	7,981,233	27/08/2004	19/07/2011
IP1036CA01	Toe-to-Heel Waterflooding with Progressive Blockage of the Toe-Region	Canada	2,620,344	2,620,344	22/02/2008	12/07/2011
IP1036US02	Toe-to-Heel Waterflooding with Progressive Blockage of the Toe-Region	United States	11/534,542	7,328,743	22/09/2006	12/02/2008
IP1039CA01	Method of Treatment of Combustion Ash Residue	Canada	2,555,135	2,555,135	01/08/2006	03/04/2012
IP1039US02	Method of Treatment of Combustion Ash Residue	United States	11/461,947	7,658,780	02/08/2006	09/02/2010
IP1043CA01	Method for Recovery of Natural Gas from a Group of Subterranean Zones	Canada	2,619,557	2,619,557	07/02/2008	13/12/2011
IP1043US01	Method for Recovery of Natural Gas from a Group of Subterranean Zones	United States	12/356,808	7,938,182	21/01/2009	10/05/2011
IP1047US01	Apparatus and Method for Obtaining a Reflectance Property Indication of a Sample (FLIQS II)	United States	11/527,993	7,663,757	27/09/2006	16/02/2010
IP1056CA01	Non-Toxic Insecticide Containing Cinnamaldehyde and Horticultural Oil	Canada	2,662,441	2,662,441	09/04/2009	16/12/2014
IP1056US01	Non-Toxic Insecticide	United States	12/101,655	7,956,092	11/04/2008	07/06/2011

Internal Docket No.	Title	Country	Application No.	Grant No.	Application Date	Grant Date
IP1088CA01	Variegation in Plants	Canada	2,781,126		19/11/2010	00/00/0000
IP1088US02	Variegation in Plants	United States	12/592,195	9,145,562	20/11/2009	29/09/2015
IP1129CA01	Orienting Disk for Improving Mat Formation in Composite Wood Products	Canada	2,434,376	2,434,376	04/07/2003	24/10/2006
IP1129US01	Orienting Disk for Improving Mat Formation in Composite Wood Products	United States	10/197,593	6,779,646	18/07/2002	24/08/2004
IP1132CA01	System for Improving Wood Strand Orientation in a Wood Strand Orienter Using Rotating Orienting Fingers	Canada	2,434,787	2,434,787	09/07/2003	29/08/2006
IP1132US01	System for Improving Wood Strand Orientation in a Wood Strand Orienter Using Rotating Orienting Fingers (Shark Fin Technology)	United States	10/227,349	6,752,256	26/08/2002	22/06/2004
IP1166CA01	Solid State Electrochemical Cell Having Reticulated Electrode Matrix and Method of Manufacturing Same	Canada	2,680,534	2,680,534	26/03/2008	16/06/2015
IP1166US02	Solid State Electrochemical Cell Having Reticulated Electrode Matrix and Method of Manufacturing Same	United States	12/056,169	8,349,510	26/03/2008	08/01/2013
IP1171AT01	Ammonia Peroxide Degumming	Austria	8757150.1	2158357 AT	26/11/2009	27/11/2013
IP1171AU01	Method of Degumming Cellulosic Fibres	Australia	2008253520	2008253520	23/11/2009	22/08/2013
IP1171BE01	Ammonia Peroxide Degumming	Belgium	8757150.1	2158357 BE	26/11/2009	27/11/2013
IP1171BR01	Method of Degumming Cellulosic Fibres	Brazil	PI 0810975-3		23/11/2009	00/00/0000
IP1171CA01	Method of Degumming Cellulosic Fibres	Canada	2,687,581	2,687,581	18/11/2009	21/04/2015

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IP1171CN01	Method to Remove Hemicellulose from Cellulosic Fibres Using a Solution of Ammonia and Hydrogen Peroxide	China	200880022247.6	ZL200880022247.6	28/12/2009	15/05/2013
IP1171CZ01	Ammonia Peroxide Degumming	Czech Republic	8757150.1	2158357 CZ	26/11/2009	27/11/2013
IP1171FI01	Ammonia Peroxide Degumming	Finland	8757150.1	08757150.1 FI	26/11/2009	27/11/2013
IP1171FR01	Ammonia Peroxide Degumming	France	8757150.1	2158357 FR	26/11/2009	27/11/2013
IP1171IN01	Method of Degumming Cellulosic Fibres	INDIA	8085/DELNP/2009		10/12/2009	00/00/0000
IP1171JP01	Method of Degumming Cellulosic Fibres	Japan	2010-508681	5467041	24/11/2009	31/01/2014
IP1171SE01	Ammonia Peroxide Degumming	Sweden	8757150.1	2158357 SE	26/11/2009	27/11/2013
IP1171US02	Method of Degumming Cellulosic Fibres	United States	12/126,331	7,892,397	23/05/2008	22/02/2011
IP1184AU01	Decortication Process	Australia	2008253521	2008253521	23/11/2009	27/11/2014
IP1184CA01	Decortication Process	Canada	2,687,594	2,687,594	18/11/2009	19/01/2016
IP1184CN01	Decortication Process	China	200880022387.3	ZL 200880022387.3	28/12/2009	08/02/2012
IP1184IN01	Decortication Process	INDIA	8084/DELNP/2009		10/12/2009	00/00/0000
IP1184US02	Decortication Process	United States	12/126,398	7,669,292	23/05/2008	02/03/2010
IP1227AU01	Inorganic Particle Polymer Hybrids and Uses Thereof	Australia	2015234202		13/09/2016	00/00/0000
IP1227CA01	Inorganic Particle Polymer Hybrids and Uses Thereof	Canada			15/09/2016	00/00/0000
IP1227CN01	Inorganic Particle Polymer Hybrids and Uses Thereof	China			20/09/2016	00/00/0000
IP1227EP01	Inorganic Particle Polymer Hybrids and Uses Thereof	European Patent			00/00/0000	00/00/0000
IP1227IN01	Inorganic Particle Polymer Hybrids and Uses Thereof	India	201617031442		15/09/2016	00/00/0000
IP1227US05	Inorganic Particle Polymer Hybrids and Uses Thereof	United States	14/663,344		19/03/2015	00/00/0000
IP1227US06	Inorganic Particle Polymer Hybrids and Uses Thereof	United States	15/091,815		06/04/2016	00/00/0000

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IP1227WO03	Inorganic Particle Polymer Hybrids and Uses Thereof	WORLD Published PCT	PCT/CA2015/050208		19/03/2015	00/00/0000
IP1238CA01	Container Flooring Material and Method of Manufacture	Canada	2,638,079	2,638,079	17/07/2008	30/08/2016
IP1239CA01	Container Flooring Material and Method of Manufacture	Canada	2,649,697		14/01/2009	00/00/0000
IP1277BR01	Aircraft Anti-Icing Fluids Formulated with Nanocrystalline Cellulose	Brazil	20110139235		25/06/2010	00/00/0000
IP1277CA01	Aircraft Anti-Icing Fluids Formulated with Nanocrystalline Cellulose	Canada	2,766,460		22/12/2011	00/00/0000
IP1277CN01	Aircraft Anti-Icing Fluids Formulated with Nanocrystalline Cellulose	China	201080029314.4	ZL201080029314.4	28/12/2011	25/11/2015
IP1277EP01	Aircraft Anti-Icing Fluids Formulated with Nanocrystalline Cellulose	European Patent	10 793458.0		25/06/2010	00/00/0000
IP1277ID01	Aircraft Anti-Icing Fluids Formulated with Nanocrystalline Cellulose	Indonesia	W00201104744		24/10/2011	00/00/0000
IP1277IN01	Aircraft Anti-Icing Fluids Formulated with Nanocrystalline Cellulose	INDIA	1065/DELNP/2011		20/12/2011	00/00/0000
IP1277JP01	Aircraft Anti-Icing Fluids Formulated with Nanocrystalline Cellulose	Japan	2012-516444	5631984	19/12/2011	17/10/2014
IP1277KR01	Aircraft Anti-Icing Fluids Formulated with Nanocrystalline Cellulose	Republic of Korea	10-2011-7030428		25/06/2010	00/00/0000
IP1277MX01	Aircraft Anti-Icing Fluids Formulated with Nanocrystalline Cellulose	Mexico	MX/a/2011/013654	331887	25/06/2010	27/07/2015
IP1277US01	Aircraft Anti-Icing Fluids Formulated with Nanocrystalline Cellulose	United States	12/495,659	8,105,430	30/06/2009	31/01/2012
IP1277US02	Aircraft Anti-Icing Fluids Formulated with Nanocrystalline Cellulose	United States	13/380,085	8,460,572	06/03/2012	11/06/2013

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IP1431US01	X-Ray Fluorescence (XRF) Analysis of Oil Sands for Process Control	United States			00/00/0000	00/00/0000
IP1435CA01	Partial Height Steam Chamber SAGD	Canada	2,898,897		29/07/2015	00/00/0000
IP2014001460US02	Solution Cathode Glow Discharge Elemental Analyzer	United States	15/274,303		23/09/2016	00/00/0000
IP2014001460WO01	Solution Cathode Glow Discharge Elemental Analyzer	Patent Cooperation Treaty	PCT/CA2016/051121		23/09/2016	00/00/0000
IP2015001478US01	Residual Pentane in Bitumen Analyzer	United States			00/00/0000	00/00/0000