

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT3093170

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	RELEASE OF SECURITY INTEREST
CONVEYING PARTY DATA	
Name	Execution Date
KJSB MERGER SUB, INC.	10/31/2014
RECEIVING PARTY DATA	
Name:	MASCOMA CANADA INC.
Street Address:	112 MAIN STREET
Internal Address:	SUITE 207
City:	GEORGETOWN
State/Country:	CANADA
Postal Code:	L7G 3E4
PROPERTY NUMBERS Total: 23	
Property Type	Number
Patent Number:	8443724
Patent Number:	8505447
Patent Number:	8561533
Application Number:	12181724
Application Number:	12247554
Application Number:	12249336
Application Number:	12837892
Application Number:	61487580
Application Number:	61487585
Application Number:	61487592
Application Number:	61487597
PCT Number:	CA2009001032
PCT Number:	CA2010000087
PCT Number:	CA2010000088
PCT Number:	CA2010001091
PCT Number:	CA2010001109
PCT Number:	CA2010001110
PCT Number:	CA2010001111
PCT Number:	CA2010001112
PCT Number:	CA2012000434

PATENT

Property Type	Number
PCT Number:	CA2012000435
PCT Number:	CA2012000436
PCT Number:	CA2012000437

CORRESPONDENCE DATA

Fax Number: (617)523-1231

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.

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Email: rcrawford@goodwinprocter.com

Correspondent Name: ROBERT M. CRAWFORD

Address Line 1: 53 STATE STREET

Address Line 2: GOODWIN PROCTER LLP

Address Line 4: BOSTON, MASSACHUSETTS 02109

ATTORNEY DOCKET NUMBER:	122957/174040
NAME OF SUBMITTER:	ROBERT M. CRAWFORD
SIGNATURE:	/ROBERT M. CRAWFORD/
DATE SIGNED:	11/04/2014

Total Attachments: 10

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PATENT RELEASE

This Patent Release (this "Agreement") is entered into as of October 31, 2014, by and between KJSB Merger Sub, Inc. ("Lender") and Mascoma Canada Inc. ("Borrower").

RECITALS

A. Lender and Borrower entered into a Subordinated Convertible Promissory Note Purchase Agreement dated as of June 21, 2012 (as amended, modified, supplemented or restated, the "Loan Agreement").

B. Under the Loan Agreement, and pursuant to that certain Grant of Security Interest dated as of June 21, 2012 and recorded with the United States Patent Office on August 7, 2012 at Reel/Frame 028739/0237 (the "Security Agreement"), Borrower granted Lender a security interest in certain Collateral (as defined in the Loan Agreement), including the patents and patent applications listed on Exhibit A hereto (the "Patents").

C. Borrower has satisfied its obligations under the Loan Agreement and the other financing documents executed in connection therewith, and the Security Agreement has been terminated, released and discharged as of the date hereof and shall be of no further force and effect hereafter.

D. Borrower has requested that Lender release its security interest in the Patents.

AGREEMENT

NOW, THEREFORE, in consideration of the foregoing recitals and other good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, and intending to be legally bound, the parties hereto agree as follows:

1. Definitions. Capitalized terms used but not defined in this Agreement shall have the meanings given to them in the Loan Agreement.

2. Release of Security Interest. Lender hereby irrevocably and forever terminates, releases and discharges any and all security interests in, to or under the Collateral granted by Borrower under the Loan Agreement and Security Agreement, including all security interests in the (i) Patents (including, without limitation, each patent and patent application identified in Exhibit A attached hereto), (ii) each reissue, continuation, continuation-in-part or extension thereof, and (iii) all proceeds thereof, including any and all causes of action which may exist by reason of infringement thereof for the full term of the Patents, any and all claims for damages by way of past, present and future infringements of any of the Patents, and any rights to sue for and collect such damages for said use or infringement of such Patents.

3. Recordation. Lender hereby authorizes and directs Borrower (or an agent thereof) to terminate the applicable UCC financing statement evidencing such release and to make any other applicable filings to document such release, including filings with the USPTO and foreign equivalents, if applicable.

4. Condition. This Agreement shall be deemed to be effective upon the execution and delivery of this Agreement by Lender and Borrower.

5. No Modification. Except as expressly set forth herein, nothing contained herein shall be deemed to constitute a waiver of compliance with any term or condition contained in the Loan Agreement. This Agreement is not a novation and the terms and conditions of this Agreement shall be in addition to and supplemental to all terms and conditions set forth in the Loan Agreement. In the event of any conflict or inconsistency between this Agreement and the terms of such documents, the terms of this Agreement shall be controlling, but such document shall not otherwise be affected or the rights therein impaired.

6. Counterparts. This Agreement may be executed in any number of counterparts and all of such counterparts taken together shall be deemed to constitute one and the same instrument.

7. Successors and Assigns. The provisions of this Agreement shall be binding upon and inure to the benefit of the parties hereto and their respective successors and assigns.

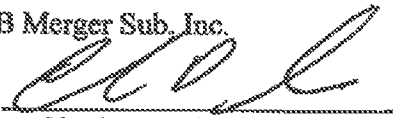
8. Governing Law. This Agreement and the rights and obligations of the parties hereto shall be governed by and construed in accordance with the laws of the State of Delaware.

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

Lender:

KJSB Merger Sub, Inc.

By: 

Name: Charles D. Shapiro

Title: Vice President & Secretary

Borrower:

Mascoma Canada, Inc.

By: 

Name: WILLIAM D. BRADY

Title: DIRECTOR

Exhibit A

Patents

Country	Title	Owner	Application Number	Application Date
Canada	METHOD OF TREATMENT OF WASTE PAPER OR THE LIKE	Mascoma Canada Inc.	2098092	Dec 09, 1991
China	METHOD AND APPARATUS FOR FEEDING A MASS OF PARTICULATE OR FIBROUS...(PCT NAT)	Mascoma Canada Inc.	99808583.9	Jul 26, 1999
Canada	IMPROVED FEEDER APPARATUS (PCT NAT)	Mascoma Canada Inc.	2339002	Jul 26, 1999
Hong Kong	METHOD AND APPARATUS FOR FEEDING...	Mascoma Canada Inc.	02102328.9	Feb 22, 2002
Canada	METHOD/APPARATUS FOR HEAT TRANSFER UPSTREAM OF THE HYDROLYSIS REACTOR	Mascoma Canada Inc.	2673134	Jul 17, 2009
Canada	IMPREGNATOR WITH SCALLOPED BOTTOM SWEEP BY PADDLES	Mascoma Canada Inc.	2638160	Jul 24, 2008
Canada	MOISTURE ADDITION IN THE IMPREGNATOR	Mascoma Canada Inc.	2638152	Jul 24, 2008
Canada	HOLDING TANK WITH NEGATIVE INCLINED SIDES	Mascoma Canada Inc.	2638157	Jul 24, 2008
Canada	WEIGHING FIBER AND MEASURING MOISTURE CONTENT	Mascoma Canada Inc.	2638159	Jul 24, 2008
Canada	LIVE BOTTOM FOR STORAGE TANK	Mascoma Canada Inc.	2650913	Jan 23, 2009
Canada	HOLDING TANK WITH RESIDENCE TIME	Mascoma Canada Inc.	2638150	Jul 24, 2008
Canada	DRAWING FIBER IN DIFFERENT DIRECTIONS OUT OF LIVE BOTTOM	Mascoma Canada Inc.	2650919	Jan 23, 2009
United States of America	TWO STEP ENZYMATIC HYDROLYSIS PROCESS	Mascoma Canada Inc.	12/247554	Oct 08, 2008
United States of America	USE OF A DISC REFINER WITH ENZYMATIC HYDROLYSIS	Mascoma Canada Inc.	12/249336	Oct 10, 2008
Canada	IMPROVED HYDRAULIC COAXIAL FEEDER	Mascoma Canada Inc.	2672584	Jul 17, 2009

Country	Title	Owner	Application Number	Application Date
Canada	ADJUSTING THE RATE OF ROTATION OF THE SCREW FEEDER BASED ON THE MOVEMENT OF THE PISTON	Mascoma Canada Inc.	2672674	Jul 17, 2009
Canada	ADJUSTING THE POSITION OF THE CHOKE BONE BASED ON THE MOVEMENT OF THE PISTON	Mascoma Canada Inc.	2672675	Jul 17, 2009
Canada	ROTATIONAL BALL VALVE USED AS A BLOW VALVE FOR AN HYDROLYSIS REACTOR	Mascoma Canada Inc.	2672659	Jul 17, 2009
PCT Application	IMPREGNATOR WITH SCALLOPED BOTTOM SWEEP BY PADDLES	Mascoma Canada Inc.	PCT/CA2009/001032	Jul 22, 2009
Australia	TWO STEP ENZYMATIC HYDROLYSIS PROCESS	Mascoma Canada Inc.	2008310246	Oct 08, 2008
Brazil	TWO STEP ENZYMATIC HYDROLYSIS PROCESS	Mascoma Canada Inc.	PI 0816495-9	Oct 08, 2008
Canada	TWO STEP ENZYMATIC HYDROLYSIS PROCESS	Mascoma Canada Inc.	2701949	Oct 08, 2008
China	TWO STEP ENZYMATIC HYDROLYSIS PROCESS	Mascoma Canada Inc.	200880115213.1	Oct 08, 2008
European Patent Application	TWO STEP ENZYMATIC HYDROLYSIS PROCESS	Mascoma Canada Inc.	08837036.6	Oct 08, 2008
India	TWO STEP ENZYMATIC HYDROLYSIS PROCESS	Mascoma Canada Inc.	2755/DELNP/2010	Oct 08, 2008
Japan	TWO STEP ENZYMATIC HYDROLYSIS PROCESS	Mascoma Canada Inc.	2010-528248	Oct 08, 2008
Russian Federation	TWO STEP ENZYMATIC HYDROLYSIS PROCESS	Mascoma Canada Inc.	2010116359	Oct 08, 2008
South Africa	TWO STEP ENZYMATIC HYDROLYSIS PROCESS	Mascoma Canada Inc.	2010/02870	Oct 08, 2008
Australia	USE OF A DISC REFINER WITH ENZYMATIC HYDROLYSIS	Mascoma Canada Inc.	2008310259	Oct 10, 2008
Brazil	USE OF A DISC REFINER WITH ENZYMATIC HYDROLYSIS	Mascoma Canada Inc.	PI 0816619-6	Oct 10, 2008
Canada	USE OF A DISC REFINER WITH ENZYMATIC	Mascoma Canada Inc.	2701965	Oct 10, 2008

Country	Title	Owner	Application Number	Application Date
	HYDROLYSIS			
China	USE OF A DISC REFINER WITH ENYMATIC HYDROLYSIS	Mascoma Canada Inc.	200880115427.9	Oct 10, 2008
European Patent Application	USE OF A DISC REFINER WITH ENYMATIC HYDROLYSIS	Mascoma Canada Inc.	08838093.6	Oct 10, 2008
India	USE OF A DISC REFINER WITH ENYMATIC HYDROLYSIS	Mascoma Canada Inc.	3013/DELNP/2010	Oct 10, 2008
Japan	USE OF A DISC REFINER WITH ENYMATIC HYDROLYSIS	Mascoma Canada Inc.	2010-528252	Oct 10, 2008
Russian Federation	USE OF A DISC REFINER WITH ENYMATIC HYDROLYSIS	Mascoma Canada Inc.	2010117586	Oct 10, 2008
South Africa	USE OF A DISC REFINER WITH ENYMATIC HYDROLYSIS	Mascoma Canada Inc.	2010/03143	Oct 10, 2008
United States of America	ENZYMATIC HYDROLYSIS OF LIGNOCLELLULOSIC MATERIALS WITH ENZYME RECOVERY	Mascoma Canada Inc.	61/487580	May 18, 2011
United States of America	REMOVAL OF INHIBITORS SUBSEQUENT TO E1	Mascoma Canada Inc.	61/487585	May 18, 2011
United States of America	REMOVAL OF LIGNIN SUBSEQUENT TO E2	Mascoma Canada Inc.	61/487592	May 18, 2011
PCT Application	ENZYMATIC HYDROLYSIS OF LIGNOCLELLULOSIC MATERIALS WITH ENZYME RECOVERY	Mascoma Canada Inc.	PCT/CA2012/000437	May 08, 2012
PCT Application	REMOVAL OF INHIBITORS SUBSEQUENT TO E1	Mascoma Canada Inc.	PCT/CA2012/000436	May 08, 2012
PCT Application	REMOVAL OF LIGNIN SUBSEQUENT TO E2	Mascoma Canada Inc.	PCT/CA2012/000435	May 08, 2012
PCT Application	METHOD/APPARATUS FOR HEAT TRANSFER UPSTREAM OF THE HYDROLYSIS	Mascoma Canada Inc.	PCT/CA2010/001091	Jul 13, 2010

Country	Title	Owner	Application Number	Application Date
Canada	ADJUSTING THE POSITION OF THE CHOKE BONE BASED ON THE MOVEMENT OF THE PISTON	Mascoma Canada Inc.	2710632	Jul 16, 2010
Canada	ROTATIONAL BALL VALVE USED AS A BLOW VALVE FOR AN HYDROLYSIS REACTOR	Mascoma Canada Inc.	2710256	Jul 16, 2010
United States of America	ADJUSTING THE RATE OF ROTATION OF THE SCREW FEEDER BASED ON THE MOVEMENT OF THE PISTON	Mascoma Canada Inc.	PCT/CA2010/001109	Jul 16, 2010
United States of America	HIGH pH FERMENTATION	Mascoma Canada Inc.	61/487597	May 18, 2011
PCT Application	HIGH Ph FERMENTATION	Mascoma Canada Inc.	PCT/CA2012/000434	May 08, 2012
Brazil	LIVE BOTTOM FOR STORAGE TANK	Mascoma Canada Inc.	PI 1005368-9	Jan 21, 2010
China	LIVE BOTTOM FOR STORAGE TANK	Mascoma Canada Inc.	201080008066.5	Jan 21, 2010
European Patent Application	LIVE BOTTOM FOR STORAGE TANK	Mascoma Canada Inc.	10733176.1	Jan 21, 2010
India	LIVE BOTTOM FOR STORAGE TANK	Mascoma Canada Inc.	5769/DELNP/2011	Jan 21, 2010
Brazil	DRAWING FIBER IN DIFFERENT DIRECTIONS OUT OF LIVE BOTTOM	Mascoma Canada Inc.	PI 1005350-6	Jan 21, 2010
China	DRAWING FIBER IN DIFFERENT DIRECTIONS OUT OF LIVE BOTTOM	Mascoma Canada Inc.	201080008645.x	Jan 21, 2010
European Patent Application	DRAWING FIBER IN DIFFERENT DIRECTIONS OUT OF LIVE BOTTOM	Mascoma Canada Inc.	10733175.3	Jan 21, 2010
India	DRAWING FIBER IN DIFFERENT DIRECTIONS OUT OF LIVE BOTTOM	Mascoma Canada Inc.	5768/DELNP/2011	Jan 21, 2010
Brazil	METHOD/APPARATUS FOR HEAT TRANSFER UPSTREAM OF THE HYDROLYSIS	Mascoma Canada Inc.	BR112012001166-9	Jul 13, 2010

Country	Title	Owner	Application Number	Application Date
	REACTOR			
PCT Application	ADJUSTING THE RATE OF ROTATION OF THE SCREW FEEDER BASED ON THE MOVEMENT OF THE PISTON	Mascoma Canada Inc.	PCT/CA2010/001109	Jul 16, 2010
PCT Application	ADJUSTING THE POSITION OF THE CHOKE BONE BASED ON THE MOVEMENT OF THE PISTON	Mascoma Canada Inc.	PCT/CA2010/001112	Jul 16, 2010
PCT Application	ROTATIONAL BALL VALVE USED AS A BLOW VALVE FOR AN HYDROLYSIS REACTOR	Mascoma Canada Inc.	PCT/CA2010/001111	Jul 16, 2010
PCT Application	IMPROVED HYDRAULIC COAXIAL FEEDER	Mascoma Canada Inc.	PCT/CA2010/001110	Jul 16, 2010
United States of America	METHOD/APPARATUS FOR HEAT TRANSFER UPSTREAM OF THE HYDROLYSIS REACTOR	Mascoma Canada Inc.	12/837892	Jul 16, 2010
United States of America	IMPROVED HYDRAULIC COAXIAL FEEDER	Mascoma Canada Inc.	8561533 (12/838127)	Oct 22, 2013
United States of America	ADJUSTING THE POSITION OF THE CHOKE BONE BASED ON THE MOVEMENT OF THE PISTON	Mascoma Canada Inc.	8505447 (12/838157)	Aug 13, 2013
United States of America	ROTATIONAL BALL VALVE USED AS A BLOW VALVE FOR AN HYDROLYSIS REACTOR	Mascoma Canada Inc.	8443724 (12/838041)	May 21, 2013
Canada	METHOD/APPARATUS FOR HEAT TRANSFER UPSTREAM OF THE HYDROLYSIS REACTOR	Mascoma Canada Inc.	2710254	Jul 16, 2010
Canada	COMPRESSION APPARATUS AND METHOD	Mascoma Canada Inc.	2710265	Jul 16, 2010
Canada	ADJUSTING THE RATE OF ROTATION OF THE SCREW FEEDER BASED ON THE MOVEMENT OF THE PISTON	Mascoma Canada Inc.	2710475	Jul 16, 2010

Country	Title	Owner	Application Number	Application Date
	REACTOR			
China	METHOD/APPARATUS FOR HEAT TRANSFER UPSTREAM OF THE HYDROLYSIS REACTOR	Mascoma Canada Inc.	201080041488.2	Jul 13, 2010
European Patent Application	METHOD/APPARATUS FOR HEAT TRANSFER UPSTREAM OF THE HYDROLYSIS REACTOR	Mascoma Canada Inc.	10799318.0	Jul 13, 2010
India	METHOD/APPARATUS FOR HEAT TRANSFER UPSTREAM OF THE HYDROLYSIS REACTOR	Mascoma Canada Inc.	9655/CHENP/2011	Jul 13, 2010
Brazil	ADJUSTING THE RATE OF ROTATION OF THE SCREW FEEDER BASED ON THE MOVEMENT OF THE PISTON	Mascoma Canada Inc.	BR1120120011464	Jul 16, 2010
China	ADJUSTING THE RATE OF ROTATION OF THE SCREW FEEDER BASED ON THE MOVEMENT OF THE PISTON	Mascoma Canada Inc.	201080038408.8	Jul 16, 2010
India	ADJUSTING THE RATE OF ROTATION OF THE SCREW FEEDER BASED ON THE MOVEMENT OF THE PISTON	Mascoma Canada Inc.	10168/DELNP/2011	Jul 16, 2010
Brazil	ADJUSTING THE POSITION OF THE CHOKE BONE BASED ON THE MOVEMENT OF THE PISTON	Mascoma Canada Inc.	BR1120120011480	Jul 16, 2010
China	ADJUSTING THE POSITION OF THE CHOKE BONE BASED ON THE MOVEMENT OF THE PISTON	Mascoma Canada Inc.	201080038409.2	Jul 16, 2010
India	ADJUSTING THE POSITION OF THE CHOKE BONE BASED ON THE MOVEMENT OF THE PISTON	Mascoma Canada Inc.	10376/DELNP/2011	Jul 16, 2010
Brazil	ROTATIONAL BALL VALVE USED AS A BLOW VALVE FOR AN HYDROLYSIS REACTOR	Mascoma Canada Inc.	BR1120120011448	Jul 16, 2010

Country	Title	Owner	Application Number	Application Date
China	ROTATIONAL BALL VALVE USED AS A BLOW VALVE FOR AN HYDROLYSIS REACTOR	Mascoma Canada Inc.	201080038413.9	Jul 16, 2010
India	ROTATIONAL BALL VALVE USED AS A BLOW VALVE FOR AN HYDROLYSIS REACTOR	Mascoma Canada Inc.	10316/DELNP/2011	Jul 16, 2010
Brazil	IMPROVED HYDRAULIC COAXIAL FEEDER	Mascoma Canada Inc.	BR1120120011430	Jul 16, 2010
China	IMPROVED HYDRAULIC COAXIAL FEEDER	Mascoma Canada Inc.	201080038411.X	Jul 16, 2010
India	IMPROVED HYDRAULIC COAXIAL FEEDER	Mascoma Canada Inc.	10167/DELNP/2011	Jul 16, 2010
United States of America	HOLDING TANK WITH NEGATIVE INCLINED SIDES	Mascoma Canada Inc.	12/181724	Jul 29, 2008
PCT	Method and Apparatus for Conveying A Cellulosic Feedstock	Mascoma Canada Inc.	PCT/CA2010/000088	1/21/2010
PCT	Method and Apparatus for Conveying A Cellulosic Feedstock	Mascoma Canada Inc.	PCT/CA2010/000087	1/21/2010

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RECORDED: 11/04/2014

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