

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT																
NATURE OF CONVEYANCE:	ASSIGNMENT																
CONVEYING PARTY DATA																	
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Mikhail Yurevich Balakshin</td> <td>04/16/2010</td> </tr> <tr> <td>Alex Berlin</td> <td>06/15/2010</td> </tr> <tr> <td>Humbert Thomas Dellicolli</td> <td>04/21/2010</td> </tr> <tr> <td>Chadrick Adam Nathaniel Jordan Grunert</td> <td>04/16/2010</td> </tr> <tr> <td>Vera Maximenko Gutman</td> <td>04/16/2010</td> </tr> <tr> <td>Darwin Ortiz</td> <td>04/16/2010</td> </tr> <tr> <td>Edward Kendall Pye</td> <td>04/15/2010</td> </tr> </tbody> </table>		Name	Execution Date	Mikhail Yurevich Balakshin	04/16/2010	Alex Berlin	06/15/2010	Humbert Thomas Dellicolli	04/21/2010	Chadrick Adam Nathaniel Jordan Grunert	04/16/2010	Vera Maximenko Gutman	04/16/2010	Darwin Ortiz	04/16/2010	Edward Kendall Pye	04/15/2010
Name	Execution Date																
Mikhail Yurevich Balakshin	04/16/2010																
Alex Berlin	06/15/2010																
Humbert Thomas Dellicolli	04/21/2010																
Chadrick Adam Nathaniel Jordan Grunert	04/16/2010																
Vera Maximenko Gutman	04/16/2010																
Darwin Ortiz	04/16/2010																
Edward Kendall Pye	04/15/2010																
RECEIVING PARTY DATA																	
Name:	Lignol Innovations Ltd.																
Street Address:	101 - 4705 Wayburne Drive																
City:	Burnaby																
State/Country:	BRITISH COLUMBIA																
Postal Code:	V5G 3L1																
PROPERTY NUMBERS Total: 1																	
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12705934</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12705934												
Property Type	Number																
Application Number:	12705934																
CORRESPONDENCE DATA																	
Fax Number:	(206)359-9366																
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>																	
Email:	samold@perkinscoie.com																
Correspondent Name:	Sarah Arnold / Perkins Coie LLP																
Address Line 1:	P.O. Box 1247																
Address Line 4:	Seattle, WASHINGTON 98111-1247																
ATTORNEY DOCKET NUMBER:	658308003US																
NAME OF SUBMITTER:	Sarah Arnold																

OP \$40.00 12705934

501216466

PATENT
REEL: 024597 FRAME: 0692

Total Attachments: 6

source=Assignment8003US#page1.tif

source=Assignment8003US#page2.tif

source=Assignment8003US#page3.tif

source=Assignment8003US#page4.tif

source=Assignment8003US#page5.tif

source=Assignment8003US#page6.tif

ASSIGNMENT

WHEREAS, We:

Mikhail Yurevich BALAKSHIN, whose full post office address is 3270 Wayne Drive, North Vancouver, B.C. V7N 4C1, Canada

Alex BERLIN, whose full post office address is 7766 Burris Street, Burnaby, B.C. V5E 3M9, Canada

Humbert Thomas DELLICOLLI, whose full post office address is 7 Campanella Court, Hanahan, South Carolina 29410, U.S.A.

Chadrick Adam Nathaniel Jordan GRUNERT, whose full post office address is 2156 West 12th Avenue, Vancouver, B.C. V6K 2N2, Canada

Vera MAXIMENKO GUTMAN, whose full post office address is 7766 Burris Street, Burnaby, B.C. V5E 3M9, Canada

Darwin ORTIZ, whose full post office address is 332-4720 52 A Street, Delta, B.C. V4K 2Y6, Canada

Edward Kendall PYE, whose full post office address is 210 Timber Jump Lane, Media, PA 19063-1134, U.S.A.

(hereinafter the "ASSIGNORS"),

are the joint inventors of the invention¹ or inventions entitled **DERIVATIVES OF NATIVE LIGNIN**, for which an application for Letters Patent was filed as a United States Patent Application in the United States Patent and Trademark Office on **February 15, 2010** under No. 12/705,934 (Gowling Lafleur Henderson LLP Reference No. V82790US);

WHEREAS, **LIGNOL INNOVATIONS LTD.** (hereinafter referred to as "ASSIGNEE") having a place of business at **101 - 4705 Wayburne Drive, Burnaby, B.C. V5G 3L1, Canada** is desirous of acquiring and having assigned to it the full right, title and interest in and to the Invention and in and to any Letters Patent that may be granted therefor in any and all countries and jurisdictions; and

WHEREAS I/WE have agreed to make such assignment;

NOW, THEREFORE, in consideration of the foregoing premises, and of the sum of five dollar (\$5.00) and for other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/WE, hereby sell, assign and transfer absolutely to the ASSIGNEE the full and exclusive right, title and interest in and to: (a) the Invention worldwide; (b) any and all patent applications for the Invention in all countries and jurisdictions and under all conventions and treaties, including the right to claim for any and all applications any priority rights to which such applications are entitled under conventions, treaties or otherwise, and all divisions, extensions, continuations, continuations-in-parts, provisionals, non-provisionals, substitutions and renewals thereof; (c) all Letters Patent which may be granted therefor in any and all countries and jurisdictions, and any renewals, reissues, re-examinations or extensions of the Letters Patent, and (d) the exclusive right to bring or participate in any proceeding for past infringement or any other actionable right under all of the foregoing and to receive all remedies that arise therefrom, to the end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by us had this Assignment not been made.

I/WE hereby authorize and request the patent offices in all countries and jurisdictions to issue any and all of the Letters Patent, when granted, to the ASSIGNEE.

Further, I/WE agree that I/WE will communicate to the ASSIGNEE or its representatives any facts known to us respecting the Invention, and testify in any legal proceeding, sign all lawful papers, execute all papers relating to all patent applications including all divisional, continuation, continuation-in-part, extension, renewal, provisional, non-provisional or substitute thereof, and the Letters Patent including any renewal, re-examination, extension and reissue of said Letters Patent, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to the ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid the ASSIGNEE, its successors and assigns, to obtain and enforce proper protection for the Invention in any and all countries and jurisdictions.

The undersigned hereby authorizes the firm of Gowling Lafleur Henderson LLP to correct errors in this assignment or to insert any further identification or other information necessary or desirable to make this Assignment suitable for recordal in any country.

EXECUTED at Burnaby BC, this April
day of 16, 2010.

Witness: [Signature]

Inventor: [Signature]

Print Name: Vera Maximenko

Mikhail Yurevich BALAKSHIN

EXECUTED at _____, this _____
day of _____, 2010.

Witness: _____

Inventor: _____

Print Name: _____

Alex BERLIN

EXECUTED at _____, this _____
day of _____, 2010.

Witness: _____

Inventor: _____

Print Name: _____

Humbert Thomas DELICOLLI

The undersigned hereby authorizes the firm of Gowling Lafleur Henderson LLP to correct errors in this assignment or to insert any further identification or other information necessary or desirable to make this Assignment suitable for recordal in any country.

EXECUTED at _____, this _____ day of _____, 2010.

Witness: _____

Inventor: _____

Print Name: _____

Mikhail Yurevich BALAKSHIN

EXECUTED at Burnaby, BC, this 15 day of JUNE, 2010.

Witness: [Signature]

Inventor: [Signature]

Print Name: Vera Maximenko

Alex BERLIN

EXECUTED at HANAHAN SC, this 21 day of APRIL, 2010.

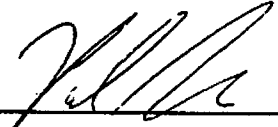
Witness: [Signature]


Inventor: [Signature]

Print Name: Judith E Dell'Colli

Humbert Thomas DELICOLLI

EXECUTED at Burnaby, BC, this 16th
day of April, 2010.

Witness: 

Inventor: 

Print Name: ~~Chad Grunert~~
Paul Mulyk

**Chadrick Adam Nathaniel Jordan
GRUNERT**

EXECUTED at Burnaby, BC, this April
day of 16, 2010.

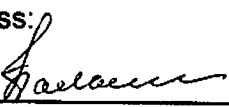
Witness: 

Inventor: 

Print Name: Mikhail Balakshin

Vera MAXIMENKO GUTMAN

EXECUTED at Burnaby, B.C., this April
day of 16, 2010.

Witness: 

Inventor: 

Print Name: Mikhail Balakshin

Darwin ORTIZ

EXECUTED at _____, this _____
day of _____, 2010.

Witness: _____

Inventor: _____

Print Name: _____

Edward Kendall PYE

- 4 -

EXECUTED at _____, this _____ day of _____, 2010.

Witness:

Inventor:

Print Name: _____

Chadrick Adam Nathaniel Jordan
GRUNERT

EXECUTED at _____, this _____ day of _____, 2010.

Witness:

Inventor:

Print Name: _____

Vera MAXIMENKO GUTMAN

EXECUTED at _____, this _____ day of _____, 2010.

Witness:

Inventor:

Print Name: _____

Darwin ORTIZ

EXECUTED at MEDIA, PENNSYLVANIA, USA, this 15th day of APRIL, 2010.

Witness:

Inventor:

Ann M. Pye
Print Name: ANN M. PYE

E. Kendall Pye
Edward Kendall PYE

V&Z780USIVAN_LAW 00706811