

# PATENT ASSIGNMENT

Electronic Version v1.1

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT																
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT																
<b>CONVEYING PARTY DATA</b>																	
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">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>04/16/2010</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	04/16/2010	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
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<b>RECEIVING PARTY DATA</b>																	
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;"><b>Name:</b></td> <td>Lignol Innovations Ltd.</td> </tr> <tr> <td><b>Street Address:</b></td> <td>101 - 4705 Wayburne Drive</td> </tr> <tr> <td><b>City:</b></td> <td>Burnaby</td> </tr> <tr> <td><b>State/Country:</b></td> <td>BRITISH COLUMBIA</td> </tr> <tr> <td><b>Postal Code:</b></td> <td>V5G 3L1</td> </tr> </table>		<b>Name:</b>	Lignol Innovations Ltd.	<b>Street Address:</b>	101 - 4705 Wayburne Drive	<b>City:</b>	Burnaby	<b>State/Country:</b>	BRITISH COLUMBIA	<b>Postal Code:</b>	V5G 3L1						
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<b>CORRESPONDENCE DATA</b>																	
<p><b>Fax Number:</b> (206)359-9366</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p><b>Phone:</b> 206-359-8366</p> <p><b>Email:</b> samold@perkinscoie.com</p> <p><b>Correspondent Name:</b> Sarah Arnold / Perkins Coie LLP</p> <p><b>Address Line 1:</b> P.O. Box 1247</p> <p><b>Address Line 4:</b> Seattle, WASHINGTON 98111-1247</p>																	
<b>ATTORNEY DOCKET NUMBER:</b>	658308006US																

OP \$40.00 12705944

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**PATENT**  
**REEL: 024601 FRAME: 0728**

NAME OF SUBMITTER:

Sarah Arnold

**Total Attachments: 6**

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## **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 12<sup>th</sup> 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 invention or inventions entitled **DERIVATIVES OF NATIVE LIGNIN FROM HARDWOOD FEEDSTOCKS**, 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. 12/705,944 (Gowling Lafleur Henderson LLP Reference No. V83015US);

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:



Inventor:



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 DELLICOLLI**

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: \_\_\_\_\_

Michail Yurevich BALAKSHIN

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

Witness:

Inventor:

Print Name: Vera Maximenko

Alex BERLIN

EXECUTED at HANNAH, this 16  
day of APRIL, 2010.

Witness:

Inventor:

Print Name: Judith DelliColli

Humbert Thomas DELICOLLI

EXECUTED at Burnaby, BC, this 16<sup>th</sup>  
day of April, 2010.

Witness:

[Signature]

Print Name: ~~Shad Grunert~~  
Paul Mulyk

Inventor:

[Signature]

**Chadrick Adam Nathaniel Jordan  
GRUNERT**

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

Witness:

[Signature]

Print Name: Mikhail Balakshin

Inventor:

[Signature]

**Vera MAXIMENKO GUTMAN**

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

Witness:

[Signature]

Print Name: Mikhail Balakshin

Inventor:

[Signature]

**Darwin ORTIZ**

EXECUTED at \_\_\_\_\_, this \_\_\_\_\_  
day of \_\_\_\_\_, 2010.

Witness:

\_\_\_\_\_

Print Name: \_\_\_\_\_

Inventor:

\_\_\_\_\_

**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 15<sup>th</sup>  
day of APRIL, 2010.

Witness:

Inventor:

Print Name: ANN M. PYEE. Kendall Pye  
Edward Kendall PYE

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