

<b>PATENT ASSIGNMENT COVER SHEET</b>
--------------------------------------

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT2820042

<b>SUBMISSION TYPE:</b>	CORRECTIVE ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	Corrective Assignment to correct the CORRECT O'HARA ON USPTO NOTICE OF RECORDATION DOCUMENT AND CORRECT O#HARA ON USPTO ISSUED PATENT ASSIGNMENT COVER SHEET previously recorded on Reel 032685 Frame 0233. Assignor(s) hereby confirms the O'HARA APPEARS ON USPTO NOTICE OF RECORDATION DOCUMENT AND O#HARA APPEARS ON USPTO ISSUED PATENT ASSIGNMENT COVER SHEET.

**CONVEYING PARTY DATA**

Name	Execution Date
ZHANYING ZHANG	04/01/2014
IAN MARK O'HARA	04/01/2014
WILLIAM ORLANDO SINCLAIR DOHERTY	04/01/2014

**RECEIVING PARTY DATA**

<b>Name:</b>	QUEENSLAND UNIVERSITY OF TECHNOLOGY
<b>Street Address:</b>	2 GEORGE STREET, BRISBANE
<b>City:</b>	QUEENSLAND
<b>State/Country:</b>	AUSTRALIA

**PROPERTY NUMBERS Total: 1**

Property Type	Number
<b>Application Number:</b>	14100340

**CORRESPONDENCE DATA**

**Fax Number:** (919)854-1401  
*Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.*  
**Phone:** 919-854-1400  
**Email:** bmedlin@myersbigel.com  
**Correspondent Name:** MYERS BIGEL SIBLEY & SAJOVEC  
**Address Line 1:** PO BOX 37428  
**Address Line 4:** RALEIGH, NORTH CAROLINA 27627

<b>ATTORNEY DOCKET NUMBER:</b>	9848-14TSCT
<b>NAME OF SUBMITTER:</b>	BETTY-LOU MEDLIN
<b>SIGNATURE:</b>	/bettyloumedlin/
<b>DATE SIGNED:</b>	04/18/2014

**Total Attachments: 10**

source=984814TSCTRequestforCorrectedRecordation#page1.tif

**PATENT**

source=984814TSCTRequestforCorrectedRecordation#page2.tif  
source=984814TSCTRequestforCorrectedRecordation#page3.tif  
source=984814TSCTRequestforCorrectedRecordation#page4.tif  
source=984814TSCTRequestforCorrectedRecordation#page5.tif  
source=984814TSCTRequestforCorrectedRecordation#page6.tif  
source=984814TSCTRequestforCorrectedRecordation#page7.tif  
source=984814TSCTRequestforCorrectedRecordation#page8.tif  
source=984814TSCTRequestforCorrectedRecordation#page9.tif  
source=984814TSCTRequestforCorrectedRecordation#page10.tif

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT2816436

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
ZHANYING ZHANG	04/01/2014
IAN MARK O'HARA <i>O'HARA see original coversheet</i>	04/01/2014
WILLIAM ORLANDO SINCLAIR DOHERTY	04/01/2014
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	QUEENSLAND UNIVERSITY OF TECHNOLOGY
<b>Street Address:</b>	2 GEORGE STREET, BRISBANE
<b>City:</b>	QUEENSLAND
<b>State/Country:</b>	AUSTRALIA
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	14100340
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(919)854-1401
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>	
<b>Phone:</b>	919-854-1400
<b>Email:</b>	bmedlin@myersbigel.com
<b>Correspondent Name:</b>	MYERS BIGEL SIBLEY & SAJOVEC
<b>Address Line 1:</b>	PO BOX 37428
<b>Address Line 4:</b>	RALEIGH, NORTH CAROLINA 27627
<b>ATTORNEY DOCKET NUMBER:</b>	9848-14TSCT
<b>NAME OF SUBMITTER:</b>	BETTY-LOU MEDLIN
<b>SIGNATURE:</b>	/bettyloumedlin/
<b>DATE SIGNED:</b>	04/16/2014
<b>Total Attachments: 5</b>	
source=984814TSCTAssn#page1.tif	
source=984814TSCTAssn#page2.tif	
source=984814TSCTAssn#page3.tif	
source=984814TSCTAssn#page4.tif	
source=984814TSCTAssn#page5.tif	

**ASSIGNMENT**

THIS ASSIGNMENT, made by us, **Zhanying Zhang**, a citizen of Australia, mailing address, 4/38 Pembroke Street, Carina Queensland 4152, Australia; **Ian Mark O'Hara**, a citizen of Australia, mailing address, 136 Gracemere Street, Grange, Queensland 4051, Australia; and **William Orlando Sinclair Doherty**, a citizen of Australia, mailing address, 3 Lillydale Place, Calamvale, Brisbane QLD 4116, Australia;

WITNESSETH: That,

WHEREAS, we are joint inventors of certain new and useful improvements in **METHODS FOR CONVERTING LIGNOCELLULOSIC MATERIALS TO USEFUL PRODUCTS** for which U.S. Application No. 14/100,340 was filed on December 9, 2013, in the United States Patent and Trademark Office and which is a continuation under 35 U.S.C. § 111(a) of PCT Application No. PCT/EP2012/060860, filed on June 8, 2012, which claims the benefit, under 35 U.S.C. § 119, of U.S. Provisional Application No. 61/570,438, filed on December 14, 2011 and U.S. Provisional Application No. 61/495,541, filed on June 10, 2011; and

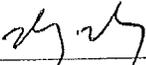
WHEREAS, **Queensland University of Technology**, an educational institution having a principal place of business at 2 George Street, Brisbane, Queensland, Australia, hereinafter referred to as assignee, is desirous of acquiring the entire right, title, and interest in and to the invention as described in said application, and in and to any and all Letters Patent which shall be granted therefor in the United States of America and all foreign countries;

NOW, THEREFORE, To Whom It May Concern, be it known that for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we have sold and by these presents do hereby sell, assign, transfer, and convey unto said assignee, its successors and assigns, the entire right, title, and interest in and to said invention and application, and in and to any and all subsequent patent applications which claim the benefit of priority from said application including regular utility, continuations, and continuations-in-part, or divisions thereof, and in and to any and all Letters Patent of the United States of America and all foreign countries or reissues or other forms of protection thereof which may be granted for the invention in or on applications claiming the benefit of priority from said application, for the full end of the term for which said Letters Patent may be granted along with any term extensions thereof or therefor, together with the right to claim the benefit of priority from said application in all foreign countries in accordance with the International Convention, the same to be held and enjoyed by said assignee, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by us if this assignment and sale had not been made.

We further covenant and agree that, at the time of the execution and delivery of these presents, we possess full title to the invention and application above-mentioned, and that we have the unencumbered right and authority to make this assignment.

We further covenant and agree to communicate to said assignee or its representatives any facts known to us relating to said invention, to testify in any interference or legal proceedings involving said invention, to execute any additional papers which may be requested to confirm the right of the assignee, its representatives, successors, or assigns to secure patent or similar protection for said invention in all countries and to vest in the assignee complete title to said invention and Letters Patent, without further compensation, but at the expense of said assignee, its successors, assigns, and other legal representatives; and we hereby instruct, and further covenant and agree to bind our heirs, legal representatives, and assigns, to do same, without further compensation, but at the expense of said assignee or its representatives.

IN WITNESS WHEREOF, I have hereunto set my hand and seal on this 15<sup>th</sup> day of April, 2014.

  
\_\_\_\_\_  
Zhanying Zhang (SEAL)

Witnessed by:

  
\_\_\_\_\_

Date: 1/04/2014

Witnessed by:

  
\_\_\_\_\_

Date: 1/4/14

Attorney Docket No.: 9848-14TSCT  
Application No. 14/100,340

IN WITNESS WHEREOF, I have hereunto set my hand and seal on this 15<sup>th</sup> day of  
April, 2014.

I.M.O'Hara (SEAL)  
Ian Mark O'Hara

Witnessed by:

L. Haghshadlou

Date: 4/15/2014

Witnessed by:

[Signature]

Date: 4/15/14

Attorney Docket No.: 9848-14TSC/T  
Application No. 14/100,340

IN WITNESS WHEREOF, I have hereunto set my hand and seal on this 18<sup>th</sup> day of April, 2014.

  
\_\_\_\_\_  
William Orlando Sinclair Doherty (SEAL)

Witnessed by:

  
\_\_\_\_\_

Date: 1/04/2014

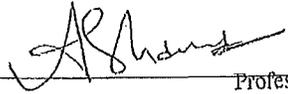
Witnessed by:

  
\_\_\_\_\_

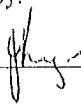
Date: 1/4/14

WHEREBY Queensland University of Technology acknowledges and accepts the assignment;

IN WITNESS WHEREOF, I have hereunto set my hand and seal on this 4<sup>th</sup> day of  
April, 2014. The undersigned warrants and represents that he/she has the authority to sign  
this Assignment on behalf of the Assignee, **Queensland University of Technology**.

By:   
Professor Arun Sharma  
Deputy Vice-chancellor  
(Research & Commercialisation)  
Title: \_\_\_\_\_ Division of  
Research & Commercialisation - QUT

Witnessed by:

  
JANELLE RAITA  
Date: 4.4.14

Witnessed by:

  
MATESHI WADASINGHE  
Date: 4.4.14