PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MAHENDRA THUNGA	10/30/2013
KEKE CHEN	11/26/2013
MICHAEL RICHARD KESSLER	10/29/2013

RECEIVING PARTY DATA

Name:	IOWA STATE UNIVERSITY RESEARCH FOUNDATION, INC.	
Street Address:	310 LAB OF MECHANICS	
City:	AMES	
State/Country:	IOWA	
Postal Code:	50011-2131	

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	14048532	

CORRESPONDENCE DATA

Fax Number:

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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SCHWEGMAN LUNDBERG & WOESSNER, P.A. **Correspondent Name:**

Address Line 1: P.O. BOX 2938

Address Line 4: MINNEAPOLIS, MINNESOTA 55402-0938

ATTORNEY DOCKET NUMBER:	900.268US1	
NAME OF SUBMITTER:	MARINA KRAUT	
SIGNATURE:	/ M. Kraut /	
DATE SIGNED:	09/10/2014	

Total Attachments: 5

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PATENT

REEL: 033714 FRAME: 0594 502970805

ASSIGNMENT

WHEREAS, Mahendra Thunga, Keke Chen and Michael Richard Kessler (hereinafter the "Undersigned") have made one or more inventions and other subject matter (hereinafter collectively referred to as the "Invention") which are described in a patent application filed on October 8, 2013, which application was assigned US patent application serial number 14/048,532, and which is titled COMPOSITIONS INCLUDING ESTERIFIED LIGNIN AND POLY(LACTIC ACID) AND CARBON FIBERS PRODUCED THEREFROM; which are described in a patent application filed on October 9, 2012, which application was assigned US application serial number 61/711,584, and which is titled COMPOSITIONS INCLUDING ESTERIFIED LIGNIN AND POLY(LACTIC ACID) AND CARBON FIBERS PRODUCED THEREFROM.

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency, and adequacy of which are hereby acknowledged by the Undersigned, the Undersigned do hereby irrevocably and unconditionally:

CONVEY, ASSIGN, AND TRANSFER to Iowa State University Research Foundation, Inc. (the "Assignee"), a corporation of the State of Iowa, having a place of business at 310 Lab of Mechanics, Ames, IA 50011-2131, the Undersigned's entire right, title, and interest for the United States and all foreign countries and jurisdictions in and to:

the Invention which is disclosed in the above-identified application or applications;

such application or applications, and all divisional, continuing (including continuation-in-part), substitute, renewal, reissue, and all other applications for a patent or patents which have been or shall be filed in the United States (including all provisional and non-provisional applications), and in all foreign countries and jurisdictions based in whole or in part on any of such Invention (including any application for a utility model or an innovation patent application);

all original and reissued patents which have been or shall be issued in the United States and all foreign countries and jurisdictions based in whole or in part on any of such Invention;

including the right to claim priority to the above-identified patent application or applications in relation to subject matter based in whole or in part on the above-identified patent application or applications and any of the foregoing including the right to file foreign applications under the provisions of any convention or treaty;

and including the right to all causes of action, remedies, and other enforcement rights related to the above-identified application or applications, including without limitation the right to sue for past, present, or future infringement, misappropriation, or violation of any and all rights related to the above-identified patent application or applications and any of the foregoing, including the right to obtain and collect damages for past, present, or future infringement;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such Invention to the Assignee;

PATENT REEL: 033714 FRAME: 0595 Assignment Docket No: 900.268US1

Assignors: Mahendra Thunga et al.

Title: COMPOSITIONS INCLUDING ESTERIFIED LIGNIN AND POLY(LACTIC ACID) AND CARBON FIBERS PRODUCED
THEREFROM

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AUTHORIZE AND REQUEST that any attorney associated with U.S. Patent and Trademark Office (USPTO) Customer No. 21186 may (directly or through his/her designee) delete, insert, or alter any information related to the above-identified patent application or applications or any of the foregoing, after execution of this Assignment;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or shall be made to others by the Undersigned, and that the full right to convey the same as herein expressed is possessed by the Undersigned;

COVENANT, that when requested and without compensation, but at the expense of the Assignee, in order to carry out in good faith the intent and purpose of this Assignment, the Undersigned shall (1) execute all provisional, non-provisional, divisional, continuing (including continuation-in-part), substitute, renewal, reissue, and all other patent applications for the Invention; (2) execute all rightful oaths, declarations, assignments, powers of attorney and other papers for the Invention; (3) communicate to the Assignee all facts known to the Undersigned relating to the Invention and the history thereof; (4) cooperate with the Assignee in any interference, reexamination, reissue, opposition, dispute, or litigation involving any of the applications or patents for the Invention; and (5) take such further actions as the Assignee shall reasonably consider necessary or desirable for vesting title to such Invention in the Assignee, or for securing, maintaining and enforcing proper patent protection for the Invention;

COVENANT, that should any provision of this agreement be held unenforceable by an authority of competent jurisdiction, such a ruling shall not affect the validity and enforceability of the remaining provisions. To the extent that any such provision is found to be unenforceable, the Undersigned, when requested and without compensation shall act in good faith to substitute for such provision a new provision with content and purpose as close as possible to the provision deemed unenforceable.

THIS AGREEMENT IS TO BE BINDING on the heirs, assigns, representatives, and successors of the Undersigned, and is to extend to the benefit of the successors, assigns, and nominees of the Assignee.

AGREED as of the date of my signature below:

As	sig	am	ent

Docket No. 900,268US1

Assignors: Mahendra Thunga et al.

Title: COMPOSITIONS INCLUDING ESTERIFIED LIGNIN AND POLY(LACTIC ACID) AND CARBON FIBERS PRODUCED

THEREFROM Page 3 of 5

Assignor:

(Signature):

J. Hahende

Name: Mahendra Thunga

City/State: Des Moines, IA

Date:

10.30.2013

STATE OF 10 WA

)ss

COUNTY OF ______

LESLIE F GEFFRE
Commission Number 777987
My Commission Expires
April 15, 2016

Notary Public

Docket No: 900.268US1 Assignment Assignors: Mahendra Thunga et al. Client Ref. No. ISURF #04056 -US Title: COMPOSITIONS INCLUDING ESTERIFIED LIGNIN AND POLY(LACTIC ACID) AND CARBON FIBERS PRODUCED THEREFROM Page 5 of 5 Assignor:

(Signature):

Name: Keke Chen

City/State: Shanghai, China

Date:

ATTESTATION OF SIGNATURE PURSUANT TO 28 U.S.C. § 1746

The undersigned witnessed the signature of Iceke Chen to execute the above Assignment and makes the following statements:

- 1. I am over the age of 18 and competent to testify as to the facts in this Attestation block if called upon to do so.
- keke Chen is personally known to me (or proved to me on the basis of satisfactory evidence) and appeared before me on Tichurary 1 2013 to execute the above Assignment.
- keke Chew subscribed to the above Assignment. 3.

I declare under penalty of perjury under the laws of the United States of America that the statements made in the three (3) numbered paragraphs immediately above are true and correct.

EXECUTED on 11/26/2013 (date)

(Signature): Chenchin S (A

Print Name: CHEN-HUZ SU

Print Name:____

PATENT REEL: 033714 FRAME: 0598

Assignment Docket No: 900.268US1 Assignors: Mahendra Thunga et al. Title: COMPOSITIONS INCLUDING ESTERIFIED LIGNIN AND POLY(LACTIC ACID) AND CARBON FIBERS PRODUCED THEREFROM Page 5 of 5 Assignor: Mich Kille (Signature): Name: Michael Richard Kessler City/State: Pullman, WA Date: STATE OF <u>Washington</u>))ss country of Whitman) On this <u>29</u> day of <u>October</u>, 20<u>13</u> before me personally appeared <u>Michael</u> Richard Kessler, to me known and known to me to be the person described in and who executed the foregoing instrument, and he/she duly acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

[SEAL]

RECORDED: 09/10/2014

Notary Public

Notary Public State of Washington LORI PALMER MY COMMISSION EXPIRES FEBRUARY 8, 2017