

## PATENT ASSIGNMENT

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Tito Viswanathan	01/25/2012
RECEIVING PARTY DATA	
Name:	Board of Trustees of the University of Arkansas
Street Address:	2404 University Avenue
City:	Little Rock
State/Country:	ARKANSAS
Postal Code:	72207
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	13335418
CORRESPONDENCE DATA	
Fax Number:	(404)365-9532
Phone:	4042337000
Email:	ipdocket@mmlaw.com
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>	
Correspondent Name:	Tim T. Xia
Address Line 1:	1600 Atlanta Financial Center
Address Line 2:	3343 Peachtree Road NE
Address Line 4:	Atlanta, GEORGIA 30326-1044
ATTORNEY DOCKET NUMBER:	15003-74690
NAME OF SUBMITTER:	Tim T. Xia
Total Attachments: 4 source=15003-74690_Assignment#page1.tif source=15003-74690_Assignment#page2.tif source=15003-74690_Assignment#page3.tif source=15003-74690_Assignment#page4.tif	

CH \$40.00 13335418

**ASSIGNMENT**

**THIS ASSIGNMENT**, made by Tito Viswanathan, residing at 705 Parliament Street, Little Rock, AR 72211; (hereinafter referred to as Assignor), respectively;

**WHEREAS**, Assignor has invented certain new and useful improvements in **RENEWABLE RESOURCE-BASED METAL-CONTAINING MATERIALS AND APPLICATIONS OF THE SAME**, set forth in a Patent application for Letters Patent of the United States, filed on December 22, 2011, and received Serial No. 13/335,418; and

**WHEREAS**, Board of Trustees of the University of Arkansas, having its principal place of business at 2404 University Avenue, Little Rock, Arkansas 72207 (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said inventions and said Application for Letters Patent of the United States, and in and to any Letters Patent of the United States to be obtained therefore and thereon.

**NOW, THEREFORE**, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, Assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions and application for Letters Patent, and in and to any and all direct and indirect divisions, continuations and continuations-in-part of said application, and any and all Letters Patent in the United States and all foreign countries which may be granted therefore and thereon, and reissues, reexaminations and extensions of said Letters Patent, and all rights under the International Convention for the Protection of Industrial Property, the

same to be held and enjoyed by Assignee, for its own use and benefit and the use and benefit of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent may be granted and/or extended, as fully and entirely as the same would have been held and enjoyed by Assignor, had this sale and assignment not been made.

**AND** for the same consideration, Assignor hereby represent and warrant to Assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignee under law or that have already been transferred to Assignee, Assignor is the sole and lawful owner of the entire right, title and interest in and to the said inventions and application for Letters Patent above-mentioned, and that the same are unencumbered and that Assignor has good and full right and lawful authority to sell and convey the same in the manner herein set forth.

**AND** for the same consideration, Assignor hereby covenant and agree to and with Assignee, its successors, legal representatives and assigns, that Assignor will sign all papers and documents, take all lawful oaths and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent and applications for Letters Patent for said inventions, without charge to Assignee, its successors, legal representatives and assigns, whenever counsel of Assignee, or counsel of its successors, legal representatives and assigns, shall advise: that any proceeding in connection with said inventions, or said Patent application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions in any country, including but not limited to interference proceedings, is lawful and desirable; or, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.

**AND** Assignor warrants and represents that the Assignor individually is not aware of any information that is material to patentability of the invention, namely, any information that, alone or in combination with other information, establishes on its face the unpatentability of the Invention or is inconsistent with arguments of patentability made to the U.S. Patent & Trademark Office. Material information may include devices, products, publications, and so forth, that are similar to the present invention, and/or any public disclosure, commercial use, or offer for sale more than one year prior to the filing date of the present application.

**AND** Assignor hereby requests the Commissioner of Patent and Trademarks to issue said Letters Patent of the United States to Assignee, as Assignee of said inventions and the Letters Patent to be issued thereon, for the sole use and benefit of Assignee, its successors, legal representatives and assigns.

**AND** Assignor hereby grants the following individuals the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document:

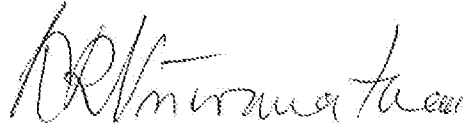
MORRIS, MANNING & MARTIN, LLP  
All practitioners at Customer Number 24728

AND Assignor acknowledges an obligation of assignment of this invention to Assignee at the time the invention was made.

Date:

1/25/12

Signature:



Tito Viswanathan