

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Zhijun Zhang	03/23/2011
RECEIVING PARTY DATA	
Name:	Mississippi State University
Street Address:	43 Bost, Extension Drive
City:	Mississippi State
State/Country:	MISSISSIPPI
Postal Code:	39762
PROPERTY NUMBERS Total: 3	
Property Type	Number
Application Number:	61247751
Application Number:	12896741
PCT Number:	US1051202
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Total Attachments: 1 source=Zhang Assignment#page 1.tif	

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ASSIGNMENT

WHEREAS, I, Zhijun Zhang, a citizen of People's Republic of China, residing at No. 26 Heping Road, Xiangfang District, Harbin, 150040 People's Republic of China (hereinafter "Assignor"), made certain new and useful inventions and improvements (hereinafter "Inventions and Improvements") entitled METHOD TO UPGRADE BIO-OILS TO FUEL AND BIO-CRUDE, for which Assignor has executed applications for patent in the United States and with the International Bureau of WIPO (hereinafter "Applications") as indicated below:

Country	Application No.	Filing Date
United States	61/247,751	October 1, 2009
United States	12/806,741	October 1, 2010
PCT International Application	PCT/US2010/51202	October 1, 2010

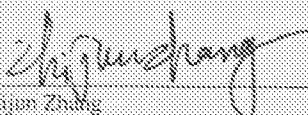
AND WHEREAS, Mississippi State University, a university organized and existing under and by virtue of the laws of the State of Mississippi, and having an office and place of business at 43 Bos. Extension Drive, Mississippi State, Mississippi 39762 (hereinafter "Assignee") is desirous of acquiring the entire right, title and interest in and to said Inventions and Improvements and said Applications and in and to the Patent to be obtained therefore.

NOW THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, Assignor has sold, assigned, and transferred, and by these presents do sell, assign and transfer unto said Assignee, its successors, legal representatives or assigns, the entire right, title and interest for all countries in and to all inventions disclosed in said Applications, and in and to the said Applications, all divisions, continuations or renewals thereof, all patents which may be granted there from, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any country or countries foreign to the United States for patents on said Inventions and Improvements, including an assignment of all rights under the provisions of the International Convention, and all patents of any country or countries foreign to the United States which may be granted there from; and Assignor does hereby authorize and request the Commissioner of Patents of the United States to issue any and all United States Patents, and any Official of any country or countries foreign to the United States, whose duty is to issue patents on applications as aforesaid, to issue any and all patents, for the said Inventions and Improvements to the said Assignee as the assignee of the entire right, title and interest in and to the same, for the use of said Assignee, its successors, legal representatives and assigns.

AND, for the consideration aforesaid, Assignor does hereby agree that Assignor and Assignor's executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said Assignee, its successors, legal representatives and assigns all facts known to Assignor relating to said Inventions and Improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in said Assignee, its successors, legal representatives or assigns the entire right, title and interest in and to the said Inventions and Improvements, Application, Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

AND, furthermore Assignor covenants and agrees with said Assignee, its successors, legal representatives or assigns, that no assignment, grant, mortgage license or other agreement affecting the rights and property herein conveyed has been made in others by Assignor and that full right to convey the same as herein expressed is possessed by Assignor.

In witness whereof, I have signed below:

Signed: 
 Zhijun Zhang

Date: 3/23/2011

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