

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
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PROPERTY NUMBERS Total: 2	
Property Type	Number
Application Number:	61376139
Application Number:	13215729
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Total Attachments: 2 source=P100184US02 Liu Assignment#page1.tif source=P100184US02 Liu Assignment#page2.tif	

CH \$80.00 61376139

ASSIGNMENT
(Sole Inventor)

I am the person identified as the inventor and have contributed to a new and useful invention (the "Invention") described in the provisional or utility United States patent application and/or the patent application filed under the Patent Cooperation Treaty, as identified below. These patent application(s) are identified as follows:

Filing Type	Filing Country	Serial Number	Filing Date
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METAL COMPOUNDS TO ELIMINATE NONPRODUCTIVE ENZYME ADSORPTION AND ENHANCE ENZYMATIC SACCHARIFICATION OF LIGNOCELLULOSE			
PRV	UNITED STATES	61/376139	August 23, 2010

METAL COMPOUNDS TO ELIMINATE NONPRODUCTIVE ENZYME ADSORPTION AND ENHANCE ENZYMATIC SACCHARIFICATION OF LIGNOCELLULOSE			
PAT	UNITED STATES	13/215729	August 23, 2011

For good and valuable consideration, the receipt of which I hereby acknowledge, I do hereby sell, assign, and transfer to the Wisconsin Alumni Research Foundation ("WARF"), a non-stock, non-profit, Wisconsin corporation, and to its legal representatives, successors and assigns, my entire right, title and interest in and to the Invention and to all United States provisional and utility applications as well as foreign patents or patent applications any of which cover all or part of the Invention. WARF shall hold such right, title and interest as fully and completely as they would have been held by me had this assignment and sale not been made.

I further agree, upon WARF's request, to execute any documents, including any separate assignments, declarations or other legal documents, that WARF may find necessary or desirable in its exercise of the right, title and interest assigned above. I further agree to communicate to WARF any facts relating either to the Invention or to any of the patent or patent applications based on the Invention that might be useful to WARF and to testify about any such facts in any interferences or litigation, if requested by WARF to do so. I shall do the above acts without additional compensation but at no expense to me.

Should the application number of any of the patent applications referenced above be unavailable the date that I execute this document, WARF is authorized by me to insert the application number and filing dates of these patent applications into this document. WARF is also specifically authorized to record this document as evidence of my assignment to WARF of any subsequent United States patent application claiming priority from any of the above identified patent applications.

Ref: P100184US02
Wisconsin Alumni Research Foundation

ASSIGNMENT

Wisconsin Alumni Research Foundation

Ref: P100184US02

App #: 13/215729, Filed: August 23, 2011

Inventor: Hao Liu

Date: 2012-1-9

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Date: Jan. 9, 2012