

## PATENT ASSIGNMENT

Electronic Version v1.1  
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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Juan P. Arhancet</td> <td>03/28/2005</td> </tr> <tr> <td>Fuchen Liu</td> <td>03/28/2005</td> </tr> </tbody> </table>		Name	Execution Date	Juan P. Arhancet	03/28/2005	Fuchen Liu	03/28/2005				
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<table border="1"> <tr> <td>Name:</td> <td>Monsanto Technology LLC</td> </tr> <tr> <td>Street Address:</td> <td>800 North Lindbergh Boulevard</td> </tr> <tr> <td>City:</td> <td>St. Louis</td> </tr> <tr> <td>State/Country:</td> <td>MISSOURI</td> </tr> <tr> <td>Postal Code:</td> <td>63167</td> </tr> </table>		Name:	Monsanto Technology LLC	Street Address:	800 North Lindbergh Boulevard	City:	St. Louis	State/Country:	MISSOURI	Postal Code:	63167
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CORRESPONDENCE DATA											
<p>Fax Number: (314)231-4342</p> <p>Phone: (314) 345-7000</p> <p>Email: uspatents@senniger.com</p> <p><i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i></p> <p>Correspondent Name: Senniger Powers LLC</p> <p>Address Line 1: 100 North Broadway, 17th Floor</p> <p>Address Line 4: St. Louis, MISSOURI 63102</p>											
ATTORNEY DOCKET NUMBER:	MTC 6887.5011										
NAME OF SUBMITTER:	Eric J. Rakestraw										
<p>Total Attachments: 4</p> <p>source=01800458#page1.tif</p> <p>source=01800458#page2.tif</p> <p>source=01800458#page3.tif</p> <p>source=01800458#page4.tif</p>											

OP \$40.00 13450909

ASSIGNMENT

WHEREAS, We Fuchen Liu of Ballwin, Missouri and Juan Arhancet of Creve Coeur, Missouri, have invented an improvement in **TRANSITION METAL-CONTAINING CATALYSTS AND PROCESSES FOR THEIR PREPARATION AND USE AS OXIDATION CATALYSTS** described in U.S. Provisional application Serial Number 60/654,085, filed on February 17, 2005 (File MTC 6887.5; 39-21(53124)C);

AND, WHEREAS, Monsanto Technology LLC of 800 N. Lindbergh Boulevard, St. Louis, Missouri 63167, a corporation of the State of Delaware (hereinafter referred to as "ASSIGNEE") is desirous of acquiring certain rights thereunder;

NOW, THEREFORE, for one dollar and other good and valuable consideration, receipt of all of which is hereby acknowledged, we have agreed to and do hereby sell, assign and transfer unto said ASSIGNEE the entire right, title and interest in and throughout the United States of America (including its territories and dependencies) and all countries foreign thereto in and to said invention, said United States application, any other United States applications (including provisional, non-provisional, divisional, continuing, or reissue applications) based in whole or in part on said United States application or in whole or in part on said invention, any foreign applications based in whole or in part on any of the aforesaid United States applications or in whole or in part on said invention, and any and all patents (including extensions thereof) of any country

which have been or may be granted on any of the aforesaid applications or on said invention or any part thereof;

**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 had no sale and assignment of said interest been made;

**AND We** hereby authorize and request the Commissioner of Patents of the United States of America to issue any and all United States patents which may be granted upon said United States applications or any of them, or upon said invention or any part thereof, to said ASSIGNEE;

**AND We** hereby jointly and severally agree for ourselves and for our respective heirs, executors and administrators, to execute without further consideration any further lawful documents and any further assurances, and any provisional, non-provisional, divisional, continuing, reissue, or other applications for patents of any country, that may be deemed necessary by said ASSIGNEE fully to secure to said ASSIGNEE its interest as aforesaid in and to said invention or any part thereof, and in and to said several patents or any of them;

**AND We** hereby jointly and severally covenant for ourselves and our respective legal representatives that we have granted no right or license to make, use or sell said invention, to anyone except said ASSIGNEE, that prior to the execution of this deed our right, title and interest in said invention had not been

otherwise encumbered, and that we have not executed and will not execute any instrument in conflict herewith.

IN WITNESS WHEREOF, we have hereunto set our hands.

3/28/05  
Date

Fuchen Liu  
Fuchen Liu

STATE OF Missouri )

COUNTY OF St. Louis )

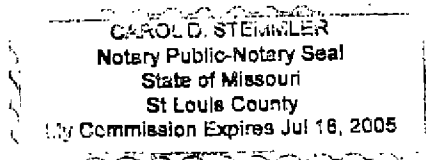
On this 28<sup>th</sup> day of MARCH, 2005, before me, a Notary Public, personally appeared Fuchen Liu to me known to be the person described in and who executed the foregoing assignment and acknowledged that he executed same as his free act and deed.

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal the date and year last above written.

Carol D. Steinmiller  
Notary Public

My Commission Expires:

July 16, 2005



3/28/05  
Date

Juan Arhancet  
Juan Arhancet

STATE OF Missouri )  
COUNTY OF St Louis )

On this 28<sup>th</sup> day of MARCH, 2005, before me, a Notary Public, personally appeared Juan Arhancet to me known to be the person described, in and who executed, the foregoing assignment and acknowledged that he executed same as his free act and deed.

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal and the date and year last above written.

Carol D. Stemmler  
Notary Public

My Commission Expires:

July 16, 2005

CAROL D. STEMMLER  
Notary Public-Notary Seal  
State of Missouri  
St Louis County  
Commission Expires Jul 16, 2005

ACW/lrw