

PATENT ASSIGNMENT

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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>William Harold Miller</td> <td>10/04/2012</td> </tr> <tr> <td>Charles Richard Graham</td> <td>10/04/2012</td> </tr> <tr> <td>David Louis Brown</td> <td>10/04/2012</td> </tr> </tbody> </table>		Name	Execution Date	William Harold Miller	10/04/2012	Charles Richard Graham	10/04/2012	David Louis Brown	10/04/2012		
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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											
Fax Number: 3142314342 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> Phone: (314) 345-7000 Email: usptents@senniger.com Correspondent Name: Senniger Powers LLP Address Line 1: 100 North Broadway, 17th Floor Address Line 4: St. Louis, MISSOURI 63102											
ATTORNEY DOCKET NUMBER:	MTC 58697.US										
NAME OF SUBMITTER:	Eric J. Rakestraw										
Signature:	/Eric J. Rakestraw/										
Date:	09/26/2013										

OP \$40.00 13933616

Total Attachments: 5

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PATENT

REEL: 031291 FRAME: 0588

ASSIGNMENT

WHEREAS, We, William Harold Miller of Glendale, Missouri, Charles Richard Graham of St. Peters, Missouri, and David Louis Brown of Chesterfield, Missouri, have invented an improvement in PROCESSES FOR THE PREPARATION OF 3,5-DISUBSTITUTED-1,2,4-OXADIAZOLES (51-21(58697)0000.US; MTC 58697.PRO) described in a U.S. provisional patent application assigned Serial No. 61/667,361, filed July 2, 2012;

AND, WHEREAS, Monsanto Technology LLC of St. Louis, Missouri, 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, including the right to claim priority, 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 Director of the United States Patent and Trademark Office 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.

10/4/12
Date

William Harold Miller
William Harold Miller

STATE OF Missouri)
COUNTY OF St. Louis)

On this 4th day of October, 2012, before me, a Notary Public, personally appeared William Harold Miller 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.

Michelle Ludwig
Notary Public

My Commission Expires:

7/13/2013



MICHELLE LUDWIG
My Commission Expires
July 13, 2013
St. Louis County
Commission #09550747

10/4/12
Date

Charles Richard Graham
Charles Richard Graham

STATE OF Missouri)
COUNTY OF St. Louis)

On this 4th day of October, 2012, before me, a Notary Public, personally appeared Charles Richard Graham 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.

Michelle Ludwig
Notary Public

My Commission Expires:

7/13/2013



MICHELLE LUDWIG
My Commission Expires
July 13, 2013
St. Louis County
Commission #09550747

Oct 4, 2012.
Date

David Louis Brown
David Louis Brown

STATE OF Mo. Missouri
COUNTY OF St. Louis

On this 4th day of October, 2012, before me, a Notary Public, personally appeared David Louis Brown 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.

Michelle Ludwig
Notary Public

My Commission Expires:

7/13/2013



MICHELLE LUDWIG
My Commission Expires
July 13, 2013
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EJR/slw