

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT5152087

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|---|-------------------------------|
| <b>SUBMISSION TYPE:</b>   | NEW ASSIGNMENT                |
| <b>NATURE OF CONVEYANCE:</b>  | ASSIGNMENT                    |
| <b>CONVEYING PARTY DATA</b>   |                               |
| <b>Name</b>   | <b>Execution Date</b>         |
| DANIEL PATRICK WALKER   | 10/17/2016                    |
| WILLIAM HAROLD MILLER   | 10/18/2016                    |
| <b>RECEIVING PARTY DATA</b>   |                               |
| <b>Name:</b>  | MONSANTO TECHNOLOGY LLC       |
| <b>Street Address:</b>  | 800 NORTH LINDBERGH BOULEVARD |
| <b>City:</b>  | ST. LOUIS                     |
| <b>State/Country:</b>   | MISSOURI                      |
| <b>Postal Code:</b>   | 63167                         |
| <b>PROPERTY NUMBERS Total: 1</b>  |                               |
| <b>Property Type</b>  | <b>Number</b>                 |
| <b>Application Number:</b>  | 16087175                      |
| <b>CORRESPONDENCE DATA</b>  |                               |
| <b>Fax Number:</b>  | (314)231-4342                 |
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| <b>Email:</b>   | uspatents@senniger.com        |
| <b>Correspondent Name:</b>  | SENNIGER POWERS LLP (MTC)     |
| <b>Address Line 1:</b>  | 100 NORTH BROADWAY            |
| <b>Address Line 2:</b>  | 17TH FLOOR                    |
| <b>Address Line 4:</b>  | ST LOUIS, MISSOURI 63102      |
| <b>ATTORNEY DOCKET NUMBER:</b>  | MTC 61550.USN                 |
| <b>NAME OF SUBMITTER:</b>   | JODI A. GALLOP                |
| <b>SIGNATURE:</b>   | /Jodi A. Gallop/              |
| <b>DATE SIGNED:</b>   | 09/21/2018                    |
| <b>Total Attachments: 4</b>   |                               |
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| source=03535277#page4.tif   |                               |

ASSIGNMENT

**WHEREAS, We,** Daniel Patrick Walker of Augusta, Missouri, and William Harold Miller of Glendale, Missouri, have invented an improvement in PROCESSES FOR THE PREPARATION OF HETEROARYL CARBOXYLIC ACIDS (Monsanto Ref. 51-21(61550)0000.US; Senniger File MTC 61550.PRO) described in a U.S. provisional patent application assigned Serial No. 62/312,907, filed March 24, 2016;

**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.

Oct 17, 2016  
Date

Dan Patrick Walker  
Daniel Patrick Walker

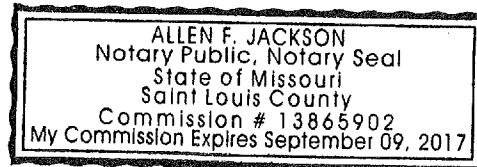
STATE OF Missouri )  
COUNTY OF Saint Louis

On this 17<sup>th</sup> day of October, 2016, before me, a Notary Public, personally appeared Daniel Patrick Walker 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

Allen Jackson  
Notary Public

My Commission Expires:  
9-9-17



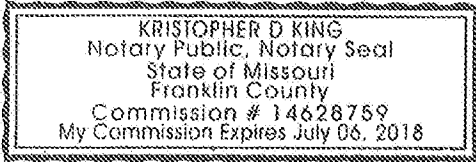
10/18/16  
Date

William Harold Miller  
William Harold Miller

STATE OF Missouri )  
COUNTY OF Franklin )

On this 18<sup>th</sup> day of October, 2016, 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 and the date and year last above written.



Kristopher D King  
Notary Public

My Commission Expires:

July 06, 2018

EJR/slw