

## PATENT ASSIGNMENT COVER SHEET

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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>
	DAVID GEORGE CHARNE	04/07/2014
	DAVID GUEVARA	04/02/2014
	CHADWICK BRUCE KOSCIELNY	04/04/2014
	SCOTT MCCLINCHEY	04/09/2014
	JAYANTILAL PATEL	04/14/2014
	LOMAS TULSIERAM	04/07/2014
<b>RECEIVING PARTY DATA</b>		
<b>Name:</b>	PIONEER HI-BRED INTERNATIONAL, INC.	
<b>Street Address:</b>	7100 N.W. 62ND AVENUE	
<b>Internal Address:</b>	P.O. BOX 1014	
<b>City:</b>	JOHNSTON	
<b>State/Country:</b>	IOWA	
<b>Postal Code:</b>	50131-1014	
<b>PROPERTY NUMBERS Total: 1</b>		
	<b>Property Type</b>	<b>Number</b>
	Application Number:	14204048
<b>CORRESPONDENCE DATA</b>		
<b>Fax Number:</b>	(302)351-7299	
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<b>Phone:</b>	302-999-6883	
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<b>ATTORNEY DOCKET NUMBER:</b>	BB2251USNP	
<b>NAME OF SUBMITTER:</b>	INEZ T. CHARLES	
<b>SIGNATURE:</b>	/INEZ T. CHARLES/	
<b>DATE SIGNED:</b>	04/16/2014	

PATENT

**Total Attachments: 8**

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**WORLDWIDE ASSIGNMENT**

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, and in fulfillment of a pre-existing obligation of assignment, we, DAVID GEORGE CHARNE, DAVID GUEVARA, CHADWICK BRUCE KOSCIELNY, SCOTT MCCLINCHEY, JAYANTILAL PATEL AND LOMAS TULSIERAM, at PIONEER HI-BRED INTERNATIONAL, INC., 7250 NW 62<sup>nd</sup> Avenue, P.O. Box 552, Johnston, Iowa 50131-0552, the undersigned inventor(s) have sold and assigned, and by these presents hereby sells and assigns, as indicated below, unto

PIONEER HI-BRED INTERNATIONAL, INC.  
7100 NW 62<sup>nd</sup> Avenue  
P.O. Box 1014  
Johnston, Iowa 50131-1014

its successors and assigns, the entire right, title and interest, so far as concerns the United States and the Territories and Possessions thereof and all foreign countries in and to the inventions in EXTENDED GLYPHOSATE APPLICATION FOR WEED CONTROL IN BRASSICA including all improvements to said invention ("Invention")

as set forth in this United States Patent Application and in the PCT Patent Application

☐ executed concurrently herewith  
☐ executed on  
☒ US Serial No. 14/204048 filed March 11, 2014 and;  
☐ PCT Serial No. filed ,  
which claim(s) priority as of filed \_\_\_\_\_ Serial No. \_\_\_\_\_.

including all provisional, non-provisional, divisional, renewal, substitute, continuation, continuations-in-part, international and Convention applications based in whole or in part upon said Inventions or upon said Applications, and any and all Letters Patent and reissues and extensions of Letters Patent granted for said Inventions or upon said Applications and every priority right that is or may be predicated upon or arise from said Inventions, said Applications, and said Letters Patent; said Assignee being hereby authorized to file patent applications in any or all countries on any or all said Inventions in the name of the undersigned or in the name of said Assignee or otherwise as said Assignee may deem advisable, under the International Convention or otherwise; the Commissioner of Patents and Trademarks of the United States of America being hereby authorized to issue or transfer all said Letters Patent to said Assignee in accordance herewith; said assignment including the right to bring legal proceedings and obtain any relief to which the undersigned would have been entitled if this assignment had not been made, in respect of any infringements of the undersigned's rights in relation to said inventions, Applications and Letters Patent which occur before or after the date of this assignment; this assignment being under covenant, not only that full power to make the same is had by the undersigned, but also that such assigned right is not encumbered by any grant, license, or other right theretofore given, and that the undersigned will do all acts reasonably serving to ensure that the said Inventions, patent applications and Letters Patent shall be held and enjoyed by said Assignee as fully and entirely as the same could have been held and enjoyed by the undersigned if this assignment had not been made, and particularly to execute and deliver to said Assignee all

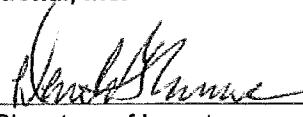
lawful documents including petitions, specifications, oaths, assignments, invention disclaimers, and lawful affidavits in form and substance which may be requested by said Assignee, to furnish said Assignee with all facts relating to said Inventions or the history thereof and any and all documents, photographs, models, samples or other physical exhibits which may be of said Inventions, and to testify in any proceedings relating to said Inventions, patent applications, Letters Patent, and to bind our heirs, legal representatives, and assigns, promptly to communicate to said Assignee or its representatives any facts known to us relating to said Inventions, to testify in any interference or legal proceedings involving said Inventions, the location of that testimony to be in the country in which we reside or in the nearest country in which such testimony is legal should our country of residence prohibit such testimony, to execute any additional papers which may be requested to confirm the right of the Assignee, its representatives, successors or assigns to secure patent or similar protection for said Inventions and to vest in the Assignee complete title to said Inventions and Letters Patent, without further compensation, but at the expense of said Assignee, its successors, assigns and other legal representatives.

The undersigned hereby grant an authorized representative of Assignee the power to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office or the Patent Office of any other country for recordation of this Assignment.

This assignment is deemed to be effective at least as early as of March 13, 2013.

**Assigns to Pioneer Hi-Bred International, Inc.**

DAVID GEORGE CHARNE  
Name of Inventor

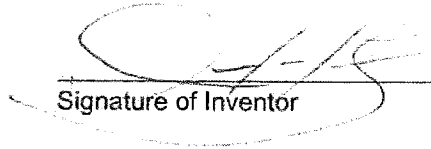
  
Signature of Inventor

April 7, 2014  
Date

**Assigns to Pioneer Hi-Bred International, Inc.**

DAVID GUEVARA

Name of Inventor

  
Signature of Inventor

April 2, 2014  
Date

**Assigns to Pioneer Hi-Bred International, Inc.**

CHADWICK BRUCE KOSCIELNY

Name of Inventor

  
Signature of Inventor

April 9, 2014  
Date

**Assigns to Pioneer Hi-Bred International, Inc.**

SCOTT MCCLINCHEY  
Name of Inventor


Scott McClincy  
Signature of Inventor

April 9, 2014  
Date



**Assigns to Pioneer Hi-Bred International, Inc.**

JAYANTILAL PATEL  
Name of Inventor

  
Signature of Inventor

April 14, 2014  
Date

**Assigns to Pioneer Hi-Bred International, Inc.**

LOMAS TULSIERAM

Name of Inventor

Lomas Tulseram

Signature of Inventor

April 27/2014

Date