

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>Edwin Michael Grote</td> <td>01/30/2012</td> </tr> <tr> <td>Todd Elliott Piper</td> <td>02/05/2012</td> </tr> <tr> <td>Jay Robert Hotchkiss</td> <td>02/05/2012</td> </tr> <tr> <td>Julie Ho</td> <td>01/31/2012</td> </tr> <tr> <td>Thomas Craig Kevern</td> <td>01/31/2012</td> </tr> <tr> <td>Michael Adam Chandler</td> <td>01/30/2012</td> </tr> <tr> <td>Julia Xiuling Zhang</td> <td>02/02/2012</td> </tr> <tr> <td>David B. Fischer</td> <td>02/01/2012</td> </tr> <tr> <td>Dean William Christensen</td> <td>01/30/2012</td> </tr> <tr> <td>Michael Joseph O'Leary</td> <td>02/13/2012</td> </tr> </tbody> </table>		Name	Execution Date	Edwin Michael Grote	01/30/2012	Todd Elliott Piper	02/05/2012	Jay Robert Hotchkiss	02/05/2012	Julie Ho	01/31/2012	Thomas Craig Kevern	01/31/2012	Michael Adam Chandler	01/30/2012	Julia Xiuling Zhang	02/02/2012	David B. Fischer	02/01/2012	Dean William Christensen	01/30/2012	Michael Joseph O'Leary	02/13/2012
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RECEIVING PARTY DATA																							
<table border="1"> <tr> <td>Name:</td> <td>Pioneer Hi-Bred International, Inc.</td> </tr> <tr> <td>Street Address:</td> <td>7250 NW 62nd Ave</td> </tr> <tr> <td>City:</td> <td>Johnston</td> </tr> <tr> <td>State/Country:</td> <td>IOWA</td> </tr> <tr> <td>Postal Code:</td> <td>50131-0552</td> </tr> </table>		Name:	Pioneer Hi-Bred International, Inc.	Street Address:	7250 NW 62nd Ave	City:	Johnston	State/Country:	IOWA	Postal Code:	50131-0552												
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<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13396790</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13396790																		
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Application Number:	13396790																						
CORRESPONDENCE DATA																							
Fax Number:	(515)535-6883																						
Phone:	515-535-4878																						
Email:	Michelle.Rees@pioneer.com																						
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>																							
Correspondent Name:	Kim M. Hagemann																						

CH \$40.00 13396790

Address Line 1: 7250 NW 62nd Ave
Address Line 4: Johnston, IOWA 50131-0552

ATTORNEY DOCKET NUMBER: 4950

NAME OF SUBMITTER: Kim M. Hagemann

Total Attachments: 12

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ASSIGNMENT - WORLDWIDE

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, and in fulfillment of a pre-existing obligation of assignment, each undersigned inventor has sold and assigned, and by these presents hereby sells and assigns, as indicated below, unto

PIONEER HI-BRED INTERNATIONAL, INC.
7100 NW 62nd 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 invention in **Maize Hybrid X95C442**.

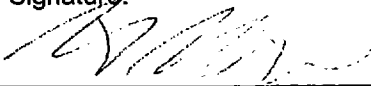
as set forth in this United States Patent Application

- ☒ executed concurrently herewith
☐ executed on
☐ Serial No. filed

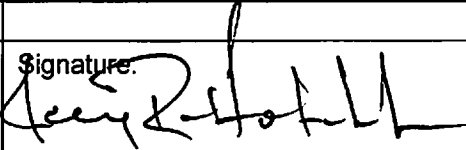
said Application including all provisional, non-provisional, divisional, renewal, substitute, continuation and Convention applications based in whole or in part upon said inventions or upon said Applications, and any and all Letters Patent and reissues and extensions of Letters Patent granted for said 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; 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

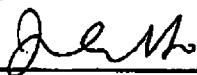
Assignee with all facts relating to said inventions or the history thereof and any and all documents, photographs, models, samples or other physical exhibits which may be of said inventions, and to testify in any proceedings relating to said inventions, patent applications, Letters Patent.

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 for recordation of this Assignment.

NAME AND SIGNATURE OF INVENTOR		
Name:	Signature:	Date:
Edwin Michael Grote		1-30-2012

NAME AND SIGNATURE OF INVENTOR		
Name:	Signature:	Date:
Todd Elliott Piper	Todd E. Piper	2/5/2012

NAME AND SIGNATURE OF INVENTOR		
Name:	Signature:	Date:
Jay Robert Hotchkiss		2/5/2012

NAME AND SIGNATURE OF INVENTOR		
Name:	Signature:	Date:
Julie Ho		1/31/2012

ASSIGNMENT

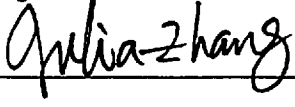
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CASE NO. 4950

PATENT
REEL: 028224 FRAME: 0729

NAME AND SIGNATURE OF INVENTOR		
Name:	Signature:	Date:
Thomas Craig Kevern	<i>Thomas Craig Kevern</i>	<i>Jan. 31, 2012</i>

NAME AND SIGNATURE OF INVENTOR		
Name:	Signature:	Date:
Michael Adam Chandler	<i>Michael A. Chandler</i>	1-30-2012

NAME AND SIGNATURE OF INVENTOR		
Name:	Signature:	Date:
Julia Xiuling Zhang		2/2/2012

2/10/2015

James Smith

1004 2015

NAME AND SIGNATURE OF INVENTOR		
Name:	Signature:	Date:
David B. Fischer	David B. Fischer	2-1-12

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CASE NO. 4950

PATENT

REEL: 028224 FRAME: 0734

NAME AND SIGNATURE OF INVENTOR		
Name:	Signature:	Date:
Dean William Christensen	<i>Dean William Christensen</i>	30 Jan 2012

NAME AND SIGNATURE OF INVENTOR		
Name:	Signature:	Date:
Michael Joseph O'Leary	<i>Michael Joseph O'Leary</i>	2/13/12

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CASE NO. 4950

RECORDED: 05/17/2012

PATENT
REEL: 028224 FRAME: 0736