

## 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>Jerome P. Ranch</td> <td>12/16/2008</td> </tr> <tr> <td>Matthias Liebergesell</td> <td>12/17/2008</td> </tr> <tr> <td>Carl W. Garnaat</td> <td>12/15/2008</td> </tr> <tr> <td>Gary A. Huffman</td> <td>12/17/2008</td> </tr> </tbody> </table>		Name	Execution Date	Jerome P. Ranch	12/16/2008	Matthias Liebergesell	12/17/2008	Carl W. Garnaat	12/15/2008	Gary A. Huffman	12/17/2008		
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<table border="1"> <tr> <td>Name:</td> <td>Pioneer Hi-Bred International, Inc.</td> </tr> <tr> <td>Street Address:</td> <td>7100 NW 62nd Avenue</td> </tr> <tr> <td>Internal Address:</td> <td>P. O. Box 1014</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>50131-1014</td> </tr> </table>		Name:	Pioneer Hi-Bred International, Inc.	Street Address:	7100 NW 62nd Avenue	Internal Address:	P. O. Box 1014	City:	Johnston	State/Country:	IOWA	Postal Code:	50131-1014
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CORRESPONDENCE DATA													
<p>Fax Number: 5155356883          Phone: 515-535-0060          Email: jamie.zortman@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></p> <p>Correspondent Name: S. Christopher Bauer          Address Line 1: 7250 NW 62nd Avenue          Address Line 2: P. O. Box 552          Address Line 4: Johnston, IOWA 50131-0552</p>													
ATTORNEY DOCKET NUMBER:	2405												
NAME OF SUBMITTER:	S. Christopher Bauer												

CH \$40.00 12650106

Total Attachments: 5

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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 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 invention in **"AUXOTROPHIC AGROBACTERIUM FOR PLANT TRANSFORMATION AND METHODS THEREOF"**

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.

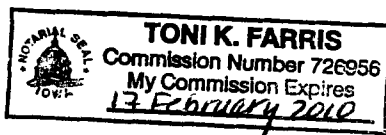
The undersigned hereby grant an authorized representative of Assignee the power to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

12/16/2008  
Date

Jerome P. Ranch  
JEROME P. RANCH

State of Iowa )  
County of Polk ) ss.

I certify that I know or have satisfactory evidence that JEROME P. RANCH is the person who appeared before me and said person acknowledged that he signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in the instrument.



Dated 16 December 2008

Signature of Notary Public Toni K. Farris

Printed Name Toni K. Farris

My appointment expires 17 February 2010

12-17-2008  
Date

  
MATTHIAS LIEBERGESELL

State of Delaware )  
County of New Castle ) ss.

I certify that I know or have satisfactory evidence that MATTHIAS LIEBERGESELL is the person who appeared before me and said person acknowledged that he signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in the instrument.

Dated 12-17-2008

Signature of Notary Public 

Printed Name RITA M. NALLY

My appointment expires 2-17-11

12-15-08  
Date

*Carl W. Garnaat*  
CARL W. GARNAAT

State of Missouri )  
County of ST Louis ) ss.

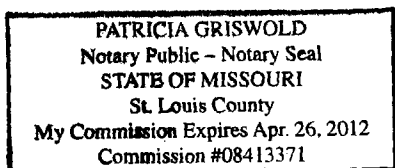
I certify that I know or have satisfactory evidence that CARL W. GARNAAT is the person who appeared before me and said person acknowledged that he signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in the instrument.

Dated 12-15-08

Signature of *Patricia Griswold*  
Notary Public

Printed Name PATRICIA GRISWOLD

My appointment expires 04-26-2012



December 17, 2008  
Date

Gary A. Huffman  
GARY A. HUFFMAN

State of Iowa )  
County of Polk ) ss.

I certify that I know or have satisfactory evidence that GARY A. HUFFMAN is the person who appeared before me and said person acknowledged that he signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in the instrument.

Dated December 17, 2008

Signature of Notary Public Betty J. Haverkamp

Printed Name Betty J. Haverkamp

My appointment expires 10-5-2010