

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>Thomas Russell Henry</td><td>01/18/2005</td></tr><tr><td>Charles Thomas Cunnyingham</td><td>01/17/2005</td></tr></tbody></table>		Name	Execution Date	Thomas Russell Henry	01/18/2005	Charles Thomas Cunnyingham	01/17/2005
Name	Execution Date						
Thomas Russell Henry	01/18/2005						
Charles Thomas Cunnyingham	01/17/2005						
RECEIVING PARTY DATA							
Name:	Pioneer Hi-Bred International, Inc.						
Street Address:	9550 White Oak Lane, Suite 100						
Internal Address:	P.O. Box 1014						
City:	Johnston						
State/Country:	IOWA						
Postal Code:	50131-1014						
PROPERTY NUMBERS Total: 1							
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>11048453</td></tr></tbody></table>		Property Type	Number	Application Number:	11048453		
Property Type	Number						
Application Number:	11048453						
CORRESPONDENCE DATA							
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NAME OF SUBMITTER:	Lila A. T. Akrad						
Total Attachments: 3 source=PHI 1984 HENRY P07026US00 E-ASSIGNMENT#page1.tif source=PHI 1984 HENRY P07026US00 E-ASSIGNMENT#page2.tif source=PHI 1984 HENRY P07026US00 E-ASSIGNMENT#page3.tif							

CH \$40.00 11048453

PATENT

REEL: 015809 FRAME: 0401

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.
9550 White Oak Lane, Suite 100
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 **"HYBRID MAIZE 32R38"**

as set forth in this United States Patent Application

- ☐ executed concurrently herewith
- ☐ executed on
- ☒ Serial No. 11/048,453 filed January 31, 2005

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: Thomas Russell Henry	Signature: <i>Thomas R Henry</i>	Date: <i>1/18/05</i>
NAME AND SIGNATURE OF WITNESSES		
Name: JOSEPH D. ANDERSON	Signature: <i>J D Anderson</i>	Date: <i>1/18/05</i>
Name:	Signature:	Date:

NAME AND SIGNATURE OF INVENTOR		
Name: Charles Thomas Cunnyingham	Signature:	Date:
NAME AND SIGNATURE OF WITNESSES		
Name:	Signature:	Date:
Name:	Signature:	Date:

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.

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Name: Thomas Russell Henry	Signature:	Date:
NAME AND SIGNATURE OF WITNESSES		
Name:	Signature:	Date:
Name:	Signature:	Date:

NAME AND SIGNATURE OF INVENTOR		
Name: Charles Thomas Cunnyngnam	Signature: <i>Charles Thomas Cunnyngnam</i>	Date: <i>1-17-05</i>
NAME AND SIGNATURE OF WITNESSES		
Name: <i>William A. Wilson</i>	Signature: <i>William A. Wilson</i>	Date: <i>1/17/05</i>
Name: <i>Keith Freeman</i>	Signature: <i>Keith Freeman</i>	Date: <i>1/17/05</i>