

PATENT ASSIGNMENT

Electronic Version v1.1
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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>C. Fred Hood</td> <td>07/03/2007</td> </tr> <tr> <td>James L. Hunter</td> <td>06/29/2007</td> </tr> <tr> <td>Timothy P. Meyer</td> <td>06/29/2007</td> </tr> <tr> <td>Lyndon J. Schroeder</td> <td>07/05/2007</td> </tr> </tbody> </table>		Name	Execution Date	C. Fred Hood	07/03/2007	James L. Hunter	06/29/2007	Timothy P. Meyer	06/29/2007	Lyndon J. Schroeder	07/05/2007
Name	Execution Date										
C. Fred Hood	07/03/2007										
James L. Hunter	06/29/2007										
Timothy P. Meyer	06/29/2007										
Lyndon J. Schroeder	07/05/2007										
RECEIVING PARTY DATA											
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										
PROPERTY NUMBERS Total: 1											
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>11774230</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	11774230						
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Application Number:	11774230										
CORRESPONDENCE DATA											
Fax Number:	(704)444-1111										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone:	704-444-1430										
Email:	lisa.rone@alston.com										
Correspondent Name:	R. Flynt Streaan/Alston & Bird										
Address Line 1:	Bank of America Plaza/101 S. Tryon St.										
Address Line 2:	Suite 4000										
Address Line 4:	Charlotte, NORTH CAROLINA 28280										
ATTORNEY DOCKET NUMBER:	035718/328858										
NAME OF SUBMITTER:	R. Flynt Streaan										

CH \$40.00 11774230

Total Attachments: 4

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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 "**System, Method, and Computer Program Product for Automated High-Throughput Seed Sample Aliquot Preparation, Treatment, and Dispersal**"

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.

7/3/07
Date

C. Fred Hood
C. Fred Hood

State of Florida
County of Collier

ss.

I certify that I know or have satisfactory evidence that C. Fred Hood 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 7-3-07

Signature of Notary Public Oliver P. Geeting II

Printed Name OLIVER P GEETING II

My appointment expires 2-21-11



OLIVER P. GEETING, II
Commission DD 642098
Expires February 21, 2011
Bonded Thru Tray Falt Inspection 900-888-7919

6/29/07
Date

James L. Hunter
James L. Hunter

State of Iowa)
County of Polk)

ss.

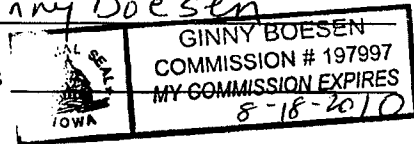
I certify that I know or have satisfactory evidence that James L. Hunter is the person who appeared before me and said person acknowledged that he signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in the instrument.

Dated 6-29-2007

Signature of Notary Public Ginny Boesen

Printed Name Ginny Boesen

My appointment expires



6/29/07
Date

Timothy P. Meyer
Timothy P. Meyer

State of Iowa)
County of Polk)

ss.

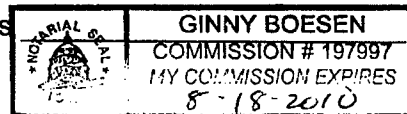
I certify that I know or have satisfactory evidence that Timothy P. Meyer is the person who appeared before me and said person acknowledged that he signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in the instrument.

Dated 6-29-2007

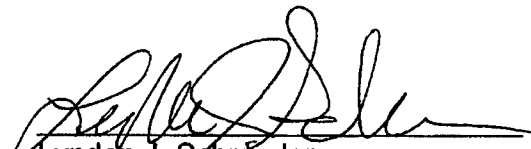
Signature of Notary Public Ginny Boesen

Printed Name Ginny Boesen

My appointment expires



7-5-07
Date


Lyndon J. Schroeder

State of Iowa)
County of Polk) ss.

I certify that I know or have satisfactory evidence that Lyndon J. Schroeder 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 7-5-07

Signature of Notary Public Ginny Boesen

Printed Name Ginny Boesen

My appointment expires

