

# **RECORDATION FORM COVER SHEET PATENTS ONLY**

To the Director of the Patent and Trademark Office:

Attorney Dkt. No.: 035718/315848

Please record the attached documents or the new address(es) below.

**1. Name of conveying parties and Execution Dates**

Jeffrey M. Hegstad      10/31/2006  
 Donglong Liu            10/31/2006  
 Mark Vogt                10/31/2006  
 James F.H. Wong        11/01/2006

Billy Fred McCutchen    11/13/2006  
 Timothy K. Chicoine    10/31/2006  
 Jerry M. Green           11/01/2006  
 Christine B. Hazel      11/01/2006  
 James M. Hutchison    11/02/2006  
 Albert L. Lu              10/31/2006  
 Kenneth A. Peeples      11/03/2006  
 David W. Saunders      10/31/2006

Additional name(s) of conveying party(ies) attached? Yes ☐ No ☒**2. Name and address of receiving parties:**

Pioneer Hi-Bred International, Inc.  
 7100 N.W. 62<sup>nd</sup> Avenue  
 P. O. Box 1014  
 Johnston, IA 50131-1014

E. I. du Pont de Nemours and Company  
 1007 Market Street  
 Wilmington, DE 19898

**3. Nature of conveyance:**☒ AssignmentAdditional name(s) & address(es) attached? Yes ☐ No ☒**4. Application or patent number(s):**A. Patent Application No.(s) 11/507,866; filed August 22, 2006

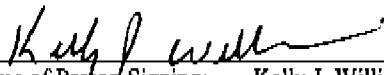
B. Patent No.(s)

☐ This document is being filed together with a new application.Additional numbers attached? Yes ☐ No ☒**5. Name and address of party to whom correspondence concerning document should be mailed:**

**ALSTON & BIRD LLP**  
 Bank of America Plaza  
 101 South Tryon Street, Suite 4000  
 Charlotte, NC 28280-4000

**6. Total number of applications and patents involved:**1**7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00**☐ Enclosed☒ Authorized to be charged to deposit account☐ None required (government interest not affecting title)**8. Deposit account number: 16-0605****DO NOT USE THIS SPACE**

**9. Statement and signature:** *To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.*

  
 Name of Person Signing: Kelly J. Williamson  
 Reg. No. 47,179

Date

12/15/06Total number of pages including cover sheet, attachments, and documents: 15

USPTO Fax Number for New Assignments (571) 273-0140

CASE NO. 2034-2

Attorney Docket No. 035718/315848

**ASSIGNMENT - WORLDWIDE**

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor has sold and assigned, and by these presents hereby sells and assigns, unto

PIONEER HI-BRED INTERNATIONAL, INC.  
7100 N.W. 62nd Avenue  
P.O. Box 1014  
Johnston, IA 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 **"METHODS AND COMPOSITIONS FOR PROVIDING TOLERANCE TO MULTIPLE HERBICIDES"**

as set forth in this United States Patent Application

☒ Application No. 11/507,866; filed August 22, 2006;

said application for United States Letters Patent, including all divisional, renewal, substitute, continuation, nonprovisionals, 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, and/or 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.

10/31/06  
Date \_\_\_\_\_

Jeffrey M. Hegstad  
Signature of \_\_\_\_\_

State of Iowa )  
County of Polk )

ss.

I certify that I know or have satisfactory evidence that **Jeffrey M. Hegstad** 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 10-31-2006

Signature of  
Notary Public Ginny Boesen

Printed Name Ginny Boesen

My appointment expires

|  |   |
|--|---|
|  | <b>GINNY BOESEN</b><br>COMMISSION # 197997<br>MY COMMISSION EXPIRES<br><u>8-18-2007</u> |
|--|---|

10/31/2006  
Date  
[Signature]  
Donglong Liu  
State of Iowa )  
County of Polk ) ss.

I certify that I know or have satisfactory evidence that **Donglong Liu** 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 10-31-2006  
Signature of  
Notary Public [Signature]  
Printed Name Ginny Boesen  
My appointment expires



10/31/06  
Date

Mark O. Vogt  
Mark Vogt

State of IOWA )  
County of POLK )

ss.

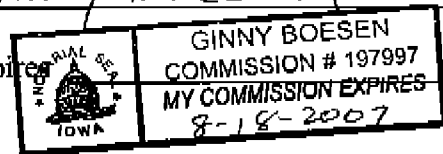
I certify that I know or have satisfactory evidence that **Mark Vogt** is the person who appeared before me and said person acknowledged that he signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in the instrument.

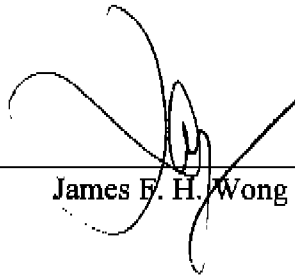
Dated Oct 31, 2006

Signature of  
Notary Public Ginny Boesen

Printed Name Ginny Boesen

My appointment expires



Date 11/1/2006  
James F. H. WongState of IowaCounty of POLK

ss.

I certify that I know or have satisfactory evidence that **James F. H. Wong** 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 11-1-2006Signature of  
Notary Public Ginny BoesenPrinted Name Ginny Boesen

My appointment expires



CASE NO. 2034-2  
Attorney Docket No. 035718/315848

### 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

E.I. du PONT de NEMOURS and COMPANY  
1007 Market Street  
Wilmington, Delaware 19898

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 **"METHODS AND COMPOSITIONS FOR PROVIDING TOLERANCE TO MULTIPLE HERBICIDES "**

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☒ Application No. 11/507,866; filed August 22, 2006

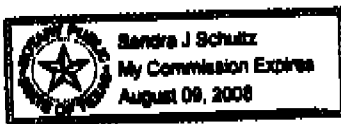
said application for United States Letters Patent, including all divisional, renewal, substitute, continuation and Convention applications based in whole or in part upon said inventions or upon said applications, and any and all Letters Patent and reissues and extensions of Letters Patent granted for 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.

Date 11/13/06 Billy Fred McCutchen  
Billy Fred McCutchen  
State of Texas )  
County of Brazos ) ss.

I certify that I know or have satisfactory evidence that **Billy Fred McCutchen** 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 11-13-06



Signature of Notary Public Sandra J. Schultz

Printed Name Sandra J. Schultz

My appointment expires August 9, 2008



Date 10/31/06Timothy K. Chicoine  
Timothy K. ChicoineState of Iowa )County of POLK )

ss.

I certify that I know or have satisfactory evidence that **Timothy K. Chicoine** 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 10-31-2006Signature of  
Notary Public Ginny BoesenPrinted Name Ginny Boesen

My appointment expires

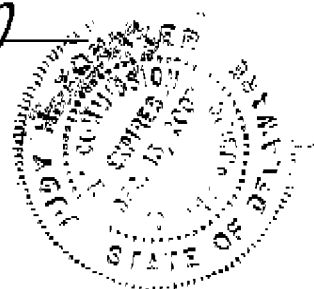


11/1/2006  
Date  
Delaware  
State of  
New Castle  
County of

Jerry M. Green  
Jerry M. Green  
SS.

I certify that I know or have satisfactory evidence that **Jerry M. Green** 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 Nov 1, 2006  
Signature of  
Notary Public Judy H. Foraker  
Printed Name Judy H. Foraker  
My appointment expires Dec 15, 2007



November 1, 2006  
Date

Christine B. Hazel  
Christine B. Hazel

State of DELAWARE  
County of NEW CASTLE }

ss.

I certify that I know or have satisfactory evidence that **Christine B. Hazel** 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 November 1, 2006

Signature of  
Notary Public Carol A. Purse

Printed Name Carol A. Purse

My appointment expires Nov. 30, 2010

**CAROL A. PURSE**  
**NOTARY PUBLIC**  
**STATE OF DELAWARE**  
My Commission Expires Nov. 30, 2010

02 NOVEMBER 2006  
Date

  
James M. Hutchison

State of Delaware )  
County of New Castle )

ss.

I certify that I know or have satisfactory evidence that **James M. Hutchison** 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.

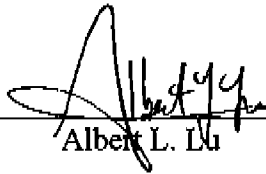
Dated 11/2/06

Signature of  
Notary Public Debra G. Jester

Printed Name Debra G. Jester

My appointment expires 7/17/10

Oct 31, 2006  
Date

  
Albert L. Lu

State of Delaware )  
County of New Castle )

ss.

I certify that I know or have satisfactory evidence that **Albert L. Lu** 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 October 31, 2006

Signature of Notary Public Carol A. Purse

Printed Name Carol A. Purse

My appointment expires Nov. 30, 2010

**CAROL A. PURSE**  
**NOTARY PUBLIC**  
**STATE OF DELAWARE**  
My Commission Expires Nov. 30, 2010

11/3/2006  
Date

Kenneth A. Peebles Nov. 3, 2006  
Kenneth A. Peebles

State of Delaware  
County of New Castle }

ss.

I certify that I know or have satisfactory evidence that **Kenneth A. Peebles** 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 November 3, 2006

Signature of Notary Public Judy H Foraker

Printed Name Judy H Foraker

My appointment expires December 15, 2007



Date 10/31/06

David W. Saunders  
David W. Saunders

State of Iowa )  
County of POLK ) ss.

I certify that I know or have satisfactory evidence that **David W. Saunders** 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 10-31-2006

Signature of Notary Public Ginny Boesen

Printed Name Ginny Boesen

My appointment expires

