

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4865269

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
KATHRYN A. FORTH	04/04/2013
DAVID L. HYTEN JR.	04/02/2013
ANDREA B. KALVIG	04/11/2013
KEITH E. KING	04/03/2013
LESLIE C. KUHLMAN	04/18/2013
DONALD KYLE	04/04/2013
THAI LEE	04/03/2013
JON M. MASSMAN	04/08/2013
EDWIN J. MENDEZ	04/03/2013
SALLY A. SANTIAGO-PARTON	04/04/2013
JOSHUA M. SHENDELMAN	04/10/2013
JORDAN D. SPEAR	04/03/2013
JOHN B. WOODWARD	04/03/2013
YANWEN XIONG	04/11/2013
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	
Property Type	Number
Application Number:	15920619
CORRESPONDENCE DATA	
Fax Number:	(515)535-6883
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
Phone:	515-535-5859

Email:	IPSUPPORT@PIONEER.COM
Correspondent Name:	PIONEER HI-BRED INTERNATIONAL, INC.
Address Line 1:	7250 NW 62ND AVENUE
Address Line 2:	P.O. BOX 552
Address Line 4:	JOHNSTON, IOWA 50131-0552

ATTORNEY DOCKET NUMBER:	5346-US-PCD
NAME OF SUBMITTER:	MICHAEL STIMSON
SIGNATURE:	/Michael Stimson/
DATE SIGNED:	03/14/2018

Total Attachments: 16

source=5346P_Assignment_Signed#page1.tif
source=5346P_Assignment_Signed#page2.tif
source=5346P_Assignment_Signed#page3.tif
source=5346P_Assignment_Signed#page4.tif
source=5346P_Assignment_Signed#page5.tif
source=5346P_Assignment_Signed#page6.tif
source=5346P_Assignment_Signed#page7.tif
source=5346P_Assignment_Signed#page8.tif
source=5346P_Assignment_Signed#page9.tif
source=5346P_Assignment_Signed#page10.tif
source=5346P_Assignment_Signed#page11.tif
source=5346P_Assignment_Signed#page12.tif
source=5346P_Assignment_Signed#page13.tif
source=5346P_Assignment_Signed#page14.tif
source=5346P_Assignment_Signed#page15.tif
source=5346P_Assignment_Signed#page16.tif

WORLDWIDE ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, and in fulfillment of a pre-existing obligation of assignment, we, Kathryn Anne Forth, David L. Hyten, Jr., Andrea B. Kalvig, Keith E. King, Leslie C. Kuhlman, Donald Kyle, Thai Lee, Jon M. Massman, Edwin J. Mendez, Sally A. Santiago-Parton, Joshua M. Shendelman, Jordan D. Spear, John B. Woodward and Yanwen Xiong at PIONEER HI-BRED INTERNATIONAL, INC., 7250 NW 62nd Avenue, P.O. Box 552, Johnston, Iowa 50131-0552, the undersigned inventor(s) have 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 inventions in **"COMPOSITIONS ASSOCIATED WITH SOYBEAN REPRODUCTIVE GROWTH AND METHODS OF USE"**, including all improvements to said invention ("Invention")

as set forth in this United States Patent Application and in the PCT Patent Application

- ☐ executed concurrently herewith
☐ executed on
☒ US Serial No. 61/781,826 filed March 14, 2013
☐ PCT Serial No. filed ,

which claim(s) priority as of filed _____ Serial No. _____

including all provisional, non-provisional, divisional, renewal, substitute, continuation, continuations-in-part, international 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; said assignment including the right to bring legal proceedings and obtain any relief to which the undersigned would have been entitled if this assignment had not been made, in respect of any infringements of the undersigned's rights in relation to said inventions, Applications and Letters Patent which occur before or after the date of this assignment; 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, and to bind our heirs, legal representatives, and assigns, promptly to communicate to said Assignee or its representatives any facts known to us relating to said Inventions, to testify in any interference or legal proceedings involving said Inventions, to execute any additional papers which may be requested to confirm the right of the Assignee, its representatives, successors or assigns to secure patent or similar protection for said Inventions in all countries and to vest in the Assignee complete title to said Inventions and Letters Patent, without further compensation, but at the expense of said Assignee, its successors, assigns and other legal representatives.

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 or the Patent Office of any other country for recordation of this Assignment.

This assignment is deemed to be effective at least as early as of March 14, 2013.

ATTORNEY DOCKET NUMBER: 5346P

In Witness Whereof, I have executed this Worldwide Assignment on the 4 day of April, 2013.

Kathryn A. Forth
Name of Inventor

Kathryn A. Forth
Signature of Inventor

State of Illinois

County of Bureau

I certify that I know or have satisfactory evidence that Kathryn A. Forth 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 04.04.2013

Signature of
Notary Public

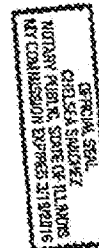
Chelsa Sanchez

Printed Name

Chelsa Sanchez

My appointment expires

03.19.2016



In Witness Whereof, I have executed this Worldwide Assignment on the 2 day of April, 2013.

David L. Hyten, Jr.

Name of Inventor

David L. Hyten, Jr.
Signature of Inventor

State of IOWA)

County of POLK)

I certify that I know or have satisfactory evidence that David L. Hyten, Jr. 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 4/2/13

Signature of
Notary Public

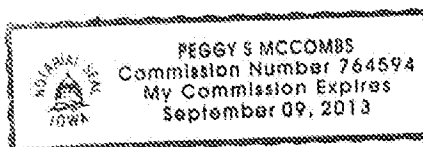
Peggy S. McCombs

Printed Name

PEGGY S MCCOMBS

My appointment expires

9.9.13



In Witness Whereof, I have executed this Worldwide Assignment on the 11th day of April, 2013.

Andrea B. Kalvig
Name of Inventor

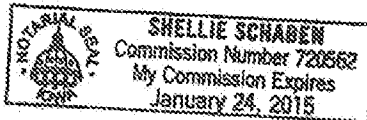
Andrea Kalvig
Signature of Inventor

State of Iowa

County of Dallas

I certify that I know or have satisfactory evidence that Andrea B. Kalvig 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 4-11-13



Signature of Notary Public Shellie Schaben

Printed Name Shellie Schaben

My appointment expires 1-24-2015

In Witness Whereof, I have executed this Worldwide Assignment on the 3rd day of April, 2013.

Keith E. King
Name of Inventor

Keith E. King
Signature of Inventor)

State of Iowa)

County of Polk)

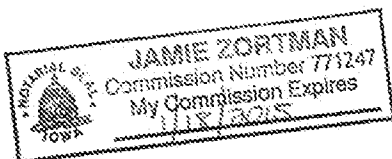
I certify that I know or have satisfactory evidence that Keith E. King is the person who appeared before me and said person acknowledged that he signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in the instrument.

Dated April 3, 2013

Signature of
Notary Public Jamie Zortman

Printed Name Jamie Zortman

My appointment expires 1/18/2015



In Witness Whereof, I have executed this Worldwide Assignment on the 18 day of April, 2013.

Leslie C. Kuhlman
Name of Inventor

Les C. Kuhlman
Signature of Inventor)

State of Kansas)

County of Douglas)

I certify that I know or have satisfactory evidence that Leslie C. Kuhlman 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 4/18/13



Kaiton Moomau
Notary Public
State of Kansas

My Appt. Exp. 7/12/16

Signature of Kaiton Moomau
Notary Public

Printed Name Kaiton Moomau

My appointment expires 7/12/16

ATTORNEY DOCKET NUMBER: 5346P

In Witness Whereof, I have executed this Worldwide Assignment on the 4 day of April, 2013.

Donald Kyle
Name of Inventor

Donald Kyle
Signature of Inventor

State of Illinois

County of Bureau

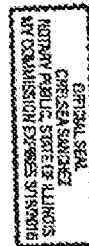
I certify that I know or have satisfactory evidence that Donald Kyle is the person who appeared before me and said person acknowledged that he signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in the instrument.

Dated 04-04-2013

Signature of Notary Public Chelsea Sanchez

Printed Name Chelsea Sanchez

My appointment expires 03-19-2016



In Witness Whereof, I have executed this Worldwide Assignment on the 3rd day of April, 2013.

Thai Lee
Name of Inventor

[Signature]
Signature of Inventor)

State of Iowa

County of Polk

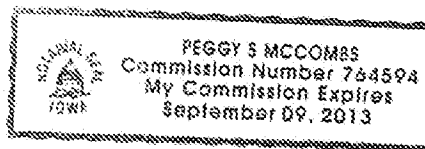
I certify that I know or have satisfactory evidence that Thai Lee is the person who appeared before me and said person acknowledged that he signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in the instrument.

Dated 4/3/13

Signature of Notary Public Peggy S McCombs

Printed Name PEGGY S MCCOMBS

My appointment expires 9/9/13



In Witness Whereof, I have executed this Worldwide Assignment on the 8 day of April, 2013.

Jon M. Massman
Name of Inventor

[Signature]
Signature of Inventor)

State of IA

County of Polk

I certify that I know or have satisfactory evidence that Jon M. Massman 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 April 8, 2013

Signature of
Notary Public [Signature]

Printed Name Jamie Zortman

My appointment expires 1/18/2015



In Witness Whereof, I have executed this Worldwide Assignment on the 3rd day of April, 2013.

Edwin J. Mendez
Name of Inventor

Edwin J. Mendez
Signature of Inventor)

State of Iowa

County of Polk

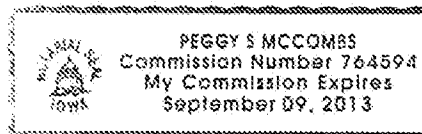
I certify that I know or have satisfactory evidence that Edwin J. Mendez is the person who appeared before me and said person acknowledged that he signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in the instrument.

Dated 4/3/13

Signature of Notary Public Peggy S McCombs

Printed Name PEGGY S MCCOMBS

My appointment expires ~~4/3/13~~ 9/9/13 pm



ATTORNEY DOCKET NUMBER: 5346P

In Witness Whereof, I have executed this Worldwide Assignment on the 4 day of April, 2013.

Sally A. Santiago-Parton

Name of Inventor

Sally A. Santiago-Parton
Signature of Inventor)State of Texas)County of Bexar)

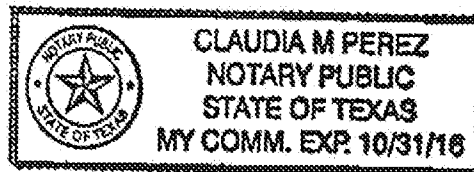
I certify that I know or have satisfactory evidence that Sally A. Santiago-Parton is the person who appeared before me and said person acknowledged that he signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in the instrument.

Dated 4-4-2013Signature of
Notary PublicClaudia M. Perez

Printed Name

Claudia M. Perez

My appointment expires

10-31-2016

In Witness Whereof, I have executed this Worldwide Assignment on the 10 day of April, 2013.

Joshua M. Shendelman
Name of Inventor

[Signature]
Signature of Inventor)

State of Iowa

County of Polk

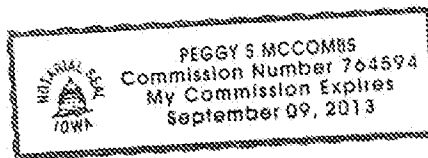
I certify that I know or have satisfactory evidence that Joshua M. Shendelman is the person who appeared before me and said person acknowledged that he signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in the instrument.

Dated 4/10/13

Signature of Notary Public Peggy S McCombs

Printed Name PEGGY S MCCOMBS

My appointment expires 9/9/13



In Witness Whereof, I have executed this Worldwide Assignment on the 3 day of April, 2013.

Jordan D. Spear
Name of Inventor

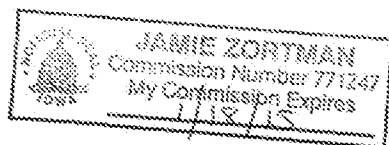
[Signature]
Signature of Inventor)

State of Iowa)

County of Polk)

I certify that I know or have satisfactory evidence that Jordan D. Spear 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 April 3, 2013



Signature of Notary Public [Signature]

Printed Name Jamie Zortman

My appointment expires 1/18/2015

In Witness Whereof, I have executed this Worldwide Assignment on the 3rd day of April, 2013.

John B. Woodward

Name of Inventor

[Signature]
Signature of Inventor)

State of Iowa)

County of Polk)

I certify that I know or have satisfactory evidence that John B. Woodward 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 4/3/13

Signature of
Notary Public

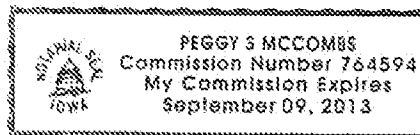
[Signature]

Printed Name

PEGGY S MCCOMBS

My appointment expires

9/9/13



In Witness Whereof, I have executed this Worldwide Assignment on the 11th day of April, 2013.

Yanwen Xiong
Name of Inventor

Yanwen Xiong
Signature of Inventor)

State of Iowa)

County of Polk)

I certify that I know or have satisfactory evidence that Yanwen Xiong 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 April 11, 2013

Signature of
Notary Public *Jamie Zortman*

Printed Name Jamie Zortman

My appointment expires 1/18/2015

