

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT2981297

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
APRIL L. LEONARD	08/12/2014
TIM FOX	03/14/2013
BAILIN LI	08/12/2014
BRIAN R. LOVELAND	03/14/2013
MARY TRIMNELL	03/15/2013
MARC C. ALBERTSEN	03/18/2013
RECEIVING PARTY DATA	
Name:	PIONEER HI-BRED INTERNATIONAL, INC
Street Address:	7100 NW 62ND AVE.
City:	JOHNSTON
State/Country:	IOWA
Postal Code:	50131-1014
Name:	E.I. DUPONT DE NEMOURS & COMPANY
Street Address:	1007 MARKET STREET
City:	WILMINGTON
State/Country:	DELAWARE
Postal Code:	19898
PROPERTY NUMBERS Total: 2	
Property Type	Number
Application Number:	61610232
PCT Number:	US1330406
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:	515-535-6297
Email:	cindy.doty@pioneer.com
Correspondent Name:	KAREN K VARLEY
Address Line 1:	7100 NW 62ND AVE.
Address Line 4:	JOHNSTON, IOWA 50131

PATENT

ATTORNEY DOCKET NUMBER:	4168
NAME OF SUBMITTER:	KAREN K VARLEY
SIGNATURE:	/Karen K Varley/
DATE SIGNED:	08/14/2014

Total Attachments: 12

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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, Marc Albertsen; Tim Fox; Brian Loveland; and Mary Trimnell of PIONEER HI-BRED INTERNATIONAL, INC., the undersigned inventors 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

AND, April L. Leonard and Bailin Li of E. I. DUPONT DE NEMOURS & COMPANY, the undersigned inventor(s) have sold and assigned, and by these presents hereby sells and assigns, as indicated below, unto

E. I. DUPONT DE NEMOURS & 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 inventions in **"GENETIC REDUCTION OF MALE FERTILITY IN PLANTS"**, 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. filed and;
☒ PCT Serial No. PCT/US2013/30406 filed March 12, 2013,
which claim(s) priority to U.S. Serial No. 61/610,232, filed on March 13, 2012.

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 13, 2012.

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

Marc C Albertsen

Marc C. Albertsen

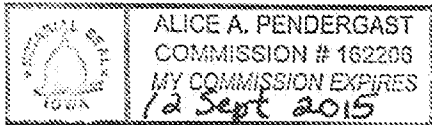
Signature of Inventor)

State of Iowa)

County of Polk)

I certify that I know or have satisfactory evidence that Marc C Albertsen 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 18 March 2013



Signature of
Notary Public

Alice A Pendergast

Printed Name

Alice A. Pendergast

My appointment expires

12 September 2015

#81

March 11

W. H. S. S. S.

T
P/N

March 12

George A. Thompson
Alice A. Thompson

March 12

March 12

In Witness Whereof, I have executed this Worldwide Assignment on the 14 day of March, 2013.

Tim Fox

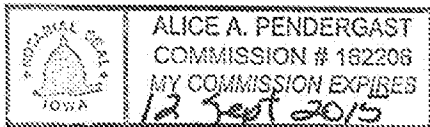
[Signature]
Signature of Inventor)

State of Iowa)

County of Polk)

I certify that I know or have satisfactory evidence that Tim Fox 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 14 March 2013



Signature of Notary Public Alice A. Pendergast

Printed Name Alice A. Pendergast

My appointment expires 12 September 2015

41

March 11/54

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In Witness Whereof, I have executed this Worldwide Assignment on the 12th day of August, ~~2013~~ 2014 A.Y.

April L. Leonard

April L. Leonard
Signature of Inventor)

State of Delaware)

County of New Castle)

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

Dated August 12th, 2014

Signature of
Notary Public Carol A. Purse

Printed Name Carol A. Purse

My appointment expires Nov. 30, 2014

CAROL A. PURSE
NOTARY PUBLIC
STATE OF DELAWARE
My commission expires Nov. 30, 2014

In Witness Whereof, I have executed this Worldwide Assignment on the 12th day of August, 2014 BL.

Bailin Li

Bailin Li
Signature of Inventor)

State of Delaware)

County of New Castle)

I certify that I know or have satisfactory evidence that Bailin Li 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 August 12, 2014

Signature of Notary Public Carol A. Purse

Printed Name Carol A. Purse

My appointment expires Nov 30, 2014

CAROL A. PURSE
NOTARY PUBLIC
STATE OF DELAWARE
My commission expires Nov. 30, 2014

In Witness Whereof, I have executed this Worldwide Assignment on the 14 day of March, 2013.

Brian R. Loveland

Brian Loveland

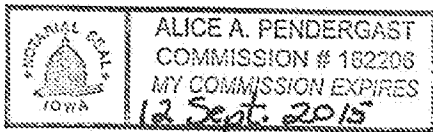
Signature of Inventor)

State of Iowa

County of Polk

I certify that I know or have satisfactory evidence that Brian R. Loveland 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 14 March 2013



Signature of Notary Public Alice A. Pendergast

Printed Name Alice A. Pendergast

My appointment expires 12 September 2015

41

10/11/11

Robert Smith

10/11/11
10/11/11

14 March 2012

Robert A. Smith
Alice A. Smith
12 September 2012

10/11/11
10/11/11

In Witness Whereof, I have executed this Worldwide Assignment on the 15 day of March, 2013.

Mary Trimnell

Mary Trimnell
Signature of Inventor)

State of Iowa)

County of Polk)

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

Dated 15 March 2013

Signature of
Notary Public

Alice A. Pendergast

Printed Name

Alice A. Pendergast

My appointment expires

12 September 2015

18

March

My dear Mr. [unclear]

I am
Yours
[unclear]

15 March 2013
Alice A. Berg
[unclear]
12 September 2013