503934430 07/27/2016

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3981084

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
	Corrective Assignment to correct the CONVEYING PARTY DATA previously recorded on Reel 036079 Frame 0227. Assignor(s) hereby confirms the ASSIGNMENT.

CONVEYING PARTY DATA

Name	Execution Date
ANDREW MARK CIGAN	07/02/2014
HUIRONG GAO	07/02/2014
MICHAEL W. LASSNER	05/28/2014
LESZEK A. LYZNIK	07/08/2014
DAVID J. PETERSON	07/08/2014
CHRISTOPHER JAY SCELONGE	07/07/2014

RECEIVING PARTY DATA

Name:	PIONEER HI-BRED INTERNATIONAL, INC.
Street Address:	7250 NW 62ND AVENUE
City:	JOHNSTON
State/Country:	IOWA
Postal Code:	50131-2935

PROPERTY NUMBERS Total: 2

Property Type	Number
Application Number:	14236597
Application Number:	61514565

CORRESPONDENCE DATA

Fax Number: (678)420-9301

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.

Phone: 678-420-9300

Email: salmona@ballardspahr.com

Correspondent Name: WENDY A. CHOI
Address Line 1: 999 PEACHTREE ST

Address Line 2: BALLARD SPAHR LLP, SUITE 1000

Address Line 4: ATLANTA, GEORGIA 30309

ATTORNEY DOCKET NUMBER:36446.0004U2NAME OF SUBMITTER:WENDY A. CHOI

PATENT 503934430 REEL: 039492 FRAME: 0643

SIGNATURE:	/Wendy A. Choi/
DATE SIGNED:	07/27/2016
Total Attachments: 11	
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PATENT REEL: 039492 FRAME: 0644



United States Patent and Trademark Office





Electronic Patent Assignment System

Confirmation Receipt

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PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
PIONEER HI-BRED INTERNATIONAL, INC.	07/02/2014
HUIRONG GAO	07/02/2014
MICHAEL W LASSNER	05/28/2014
LESZEK A LYZNIK	07/08/2014
DAVID J. PETERSON	07/08/2014
CHRISTOPHER JAY SCELONGE	07/07/2014

RECEIVING PARTY DATA

Name:	PIONEER HI-BRED INTERNATIONAL, INC.
Street Address:	7250 NW 62ND AVENUE
City:	JOHNSTON
State/Country:	IOWA
Postal Code:	50131-2935

PROPERTY NUMBERS Total: 2

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	No.

Application Number:	14236597
Application Number:	61514565
CORRESPONDENCE DA Fas Number; Email: Correspondence will be sent to the e provided; if that is unsuccessful, it w Correspondent Name: Address Line 1; Address Line 4;	uspatentmail@ballardspahr com mail address first; if that is unsuccessful, it will be sent using a fax number, if
ATTORNEY DOCKET NUMBER:	36446.0004U2
NAME OF SUBMITTER:	RICHARD T. TIMMER
Signature:	/Richard T. Timmer/
Date:	07/14/2015
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RECEIPT INFORMATION	
EPAS ID: Receipt Date:	PAT3437597 07/14/2015

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8491637 C.S.

ATTORNEY DOCKET NO. 36446.0004U2 PAGE 1 of 7

ASSIGNMENT

WHEREAS, WE, ANDREW MARK CIGAN, SAVERIO CARL FALCO, HUIRONG GAO, MICHAEL W. LASSNER, ZHONGSEN LI, ZHAN-BIN LIU. LESZEK A. LYZNIK, DAVID J. PETERSON and CHRISTOPHER JAY SCELONGE. residing at 5764 Chatham Circle, Johnston, IA 50131; 1902 Millers Road, Wilmington, DE 79810; 7068 Ridgedale Court, Johnston, IA 50131; 2935-133rd Way, Urbandale, IA 50323; 24 Forest Creek Drive, Hockessin, DE 19707; 1357 Wooded Knoll, West Chester, PA 19382; 5960 Greendale Place, #105, Johnston, IA 50131; 2126 Stevenson Drive, Ames, IA 50010; and 5314 Orvid Avenue, Des Moines, IA 50310, respectively, have invented new and useful "METHODS AND COMPOSITIONS FOR in TARGETED improvements INTEGRATION IN A PLANT," for which a United States Patent Application was filed on January 31, 2014, and assigned Application Serial No. 14/236,597; for which an International Patent Application was filed on July 18, 2012, and assigned Application No. PCT/US2012/047202; and for which a United States Patent Application was filed on August 3, 2011, and assigned Application No. 61/514,565; and

WHEREAS, PIONEER HI-BRED INTERNATIONAL, INC., whose principal address is 7250 NW 62nd Avenue, Johnston, Iowa, is desirous of acquiring the entire interest of the inventors listed below in the same;

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, we, ANDREW MARK CIGAN, HUIRONG GAO, MICHAEL W. LASSNER, LESZEK A. LYZNIK, DAVID J. PETERSON and CHRISTOPHER JAY SCELONGE hereby do sell, assign and transfer unto said PIONEER HI-BRED INTERNATIONAL, INC., the entire right, title and interest in and to said invention and application throughout the world, including, without limitation, any Letters Patent which may issue thereon, and any subsequent application claiming priority to the above-identified application, reissue, reexamination, divisional, continuation-in-part, extension or continuation thereof and all rights of priority under the Paris Convention arising from said application;

the same for PIONEER III-BRED INTERNATIONAL, INC.'S legal representatives and assigns, as fully and entirely as the same would have been held by us had this assignment and sale not been made:

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AND, we hereby bind ourselves, our heirs, legal representatives, administrators and assigns properly to execute without further consideration any and all applications, petitions, oaths and assignments or other papers and instruments which may be necessary in order to carry into full force and effect, the sale, assignment, transfer and conveyance hereby made or intended to be made and generally do everything possible to aid PIONEER HI-BRED INTERNATIONAL, INC., its legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries throughout the world.

IN WITNESS WHEREOF, I have executed this Assignment this day of
<u>July</u> 2014.
Andw Moule 9 (L.S.) ANDREW MARK CIGAN
ANDREW MARKE CICALLY
State of $Iowa$
County of Polk
· · · · · · · · · · · · · · · · · · ·
On this 2 day of July , 2014, before me, a Notary Public cam
ANDREW MARK CIGAN, to me known and known to be the individual described in and wh
executed the foregoing assignment, and he duly acknowledged the same to be his free act and
deed.
Olin O Rudis cost Tour ALICE A PENDERGAST
Notary Public COMMISSION # 162208
Town 2 Sauteller 2015
My Commission Expires: 12 Sept 2015

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PATENT REEL: 039492 FRAME: 0648

ATTORNEY DOCKET NO. 36446.0004U2 PAGE 3 of 7

IN WITNESS WHEREOF, I have executed this Assignment this 2 day of
HUIRONG (AO (L.S.)
State of
County of Polk
On this 2 day of July , 2014, before me, a Notary Public came
HUIRONG GAO, to me known and known to be the individual described in and who executed
the foregoing assignment, and he duly acknowledged the same to be his free act and deed.
alin a Pendergott
Notary Public ALICE A. PENDERGAST COMMISSION # 162206
My Commission Expires: 12 520 + 2015 Town 12 September 2017

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ATTORNEY DOCKET NO. 36446.0004U2 PAGE 4 of 7

IN WITNESS WHEREOF, I have executed this Assignment this 28 day of Wy , 2014. MICHAEL W. LASSNER IN WITNESS WHEREOF, I have executed this Assignment this 28 day of May of May of (L.S.)
State of Towa County of Polk
On this 28 day of May 2014, before me, a Notary Public came MICHAEL W. LASSNER, to me known and known to be the individual described in and who executed the foregoing assignment, and he duly acknowledged the same to be his free act and
Alice A. PENDERGAST COMMISSION # 162208 My Commission Expires: 12 Sept 2015

ATTORNEY DOCKET NO. 36446.0004U2 PAGE 5 of 7

IN WITNESS WHEREOF, I have executed this Assignment this 2 day of July , 2014.
LESZEK A. LYZNIK (L.S.)
State of $\underline{\mathcal{I}_{O}\omega a}$
County of Rolk
On this 84 day of July , 2014, before me, a Notary Public came
LESZEK A. LYZNIK, to me known and known to be the individual described in and who executed the foregoing assignment, and he duly acknowledged the same to be his free act and
Dei a Fendergost
Notary Public ALICE A. PENDERGAST COMMISSION # 182208
My Commission Expires: 12 Sept. 2015 104x 5edter 12 2015

ATTORNEY DOCKET NO. 36446.0004U2 PAGE 6 of 7

IN WITNESS WHEREOF, I have executed this Assignment this 2 day of July , 2014.	
DAVID J. PETERSON (L.S.)	
State of $\frac{I_{\delta}\omega^{\alpha}}{P_{\delta} _{\mathcal{K}}}$	
On this 8 day of July 2014, before me, a Notary Public cam DAVID J. PETERSON, to me known and known to be the individual described in and who	e
executed the foregoing assignment, and he duly acknowledged the same to be his free act and deed. Olive O. Fondurgas C.	
Notary Public My Commission Expires: 12 Sept 2015 My Commission Expires: 12 Sept 2015 My Commission Expires: 13 Sept 2015 MY COMMISSION # 182208 MY COMMISSION EXPIRES	

5 x

ATTORNEY DOCKET NO. 36446.0004U2 PAGE 7 of 7

IN WITNESS WHEREOF, I have executed this Assignment this Z day of
Christopher fay feelinge (L.S.) CHRISTOPHER DAY SCELONGE
State ofOw_a
County of Polk
On thisday of, 2014, before me, a Notary Public came CHRISTOPHER JAY SCELONGE, to me known and known to be the individual described in and who executed the foregoing assignment, and he duly acknowledged the same to be his free
Notary Public ALICE A PENDERGAST COMMISSION # 162208 WY COMMISSION EXPIRES TOWN TOWN TOWN TOWN TOWN TOWN TOWN TOWN
My Commission Expires: Sept. 12, 2015

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999 91W,

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RECORDED: 07/27/2016