504302813 04/03/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4349494

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JOSEPH D ANDERSON	01/24/2017
MARK JACOB GADLAGE	01/24/2017

RECEIVING PARTY DATA

Name:	PIONEER HI-BRED INTERNATIONAL, INC.
Street Address:	7100 NW 62ND AVE
City:	JOHNSTON
State/Country:	IOWA
Postal Code:	50131

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15447280

CORRESPONDENCE DATA

Fax Number: (515)535-3924

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: 515-535-0647

Email: ipsupport@pioneer.com
Correspondent Name: LYNDA FITZPATRICK
Address Line 1: 7250 NW 62ND AVE
Address Line 4: JOHNSON, IOWA 50131

ATTORNEY DOCKET NUMBER:	7195-US-NP
NAME OF SUBMITTER:	LYNDA M. FITZPATRICK
SIGNATURE:	/lmfitzpatrick/
DATE SIGNED:	04/03/2017

Total Attachments: 2

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PATENT 504302813 REEL: 041824 FRAME: 0729

WORLDWIDE ASSIGNMENT

I, the undersigned JOSEPH D ANDERSON, hereby declare that I am an inventor of an invention entitled MAIZE INBRED PH2R76 the
subject matter of which is described in the application for patent (Attorney Docket No: 7195-US-NP)
declaration executed on
United States Of America Patent Application Serial No. 15/447280 , filed on March 2, 2017 ,
PCT Application Serial No. filed on
which claim(s) its earliest priority to Application Serial No. , filed on
For valuable consideration, the receipt and adequacy of which is hereby acknowledged, and in fulfillment of my pre-existing
obligation of assignment to assignee, which is hereby acknowledged. I hereby:
I. Sell, assign, and transfer unto PIONEER HI-BRED INTERNATIONAL, INC., a corporation organized and existing under the laws of the
Johnston, lowa in the United States of America and having its principal place of business at 7100 NW 62 nd Avenue, P.O. Box 1014, Johnston, lowa 50131-1014, herein referred to as the assignee, and to assignee's successors and assigns.
(A) the entire right, title, and interest in and to: (1) the aforesaid application(s) for Letters Patent ("Patent") (2) any priority
rights derived from such aforesaid application(s) for Patent by virtue of the International Convention for the Protection of Industrial
rruperty (international Convention") and any other treaty or understanding for intellectual property for any and all mombos
countries of the international convention of other treaty or understanding, including rights in any and all provisional applications.
(3) any and an Or my inventions, whether joint or sole, disclosed in such aforesaid application(s) for Patent, and/or related to or
arising out or such aforesaid application(s) for Patent ("Inventions"), (4) any and all applications for Patent for any such inventions
in any country whatsoever, including all provisional, non-provisional, divisional, renewal, substitute, continuation, continuations-in-
part, international and convention applications based in whole or in part upon such aforesaid application(s) for Patent and/or such inventions (5) any and all nations for any architectures.
inventions, (5) any and all patents for any such inventions in any country whatsoever, including any and all reexams, reissues and
extensions of any patent based in whole or in part upon such aforesaid application(s) for Letters Patent and/or such inventions; (B) the entire right to (1) file such applications in its name or in my name, (2) file such applications under the aforesaid international
Convention or any other treaty or understanding, (3) have said patents granted in its name or mine, the Commissioner of Patents
and industriality of the United States of America and any counterpart in any other patent office heing becally authorized to involve
transfer all of said patents to said assignee in accordance herewith, and (4) enforce said patents and to sue for and recover profits
and damages for any and an intringements thereof, whether past, present or future, to the full end of the term or terms for which
said patents may be granted, as fully and entirely as the same would have been held and enjoyed by the undersigned without this
good truncity.
II. Agree, whenever assignee asks, without further compensation but at assignee's expense for actual and reasonable costs incurred,
10) to communicate to said assignee, its successors, assigns, and legal representatives, any facts known to me representatives.
inventions of the rights described above, (b) to testify in any legal proceeding respecting such inventions or the rights described
above, the location of that testimony to be in the country in which I reside or in the nearest country in which such testimony is legal
should my country of residence prohibit such testimony, (C) to execute all applications, papers or instruments necessary or required by said assigned its successors assigned and local representations.
by said assignee, its successors, assigns and legal representatives, to carry into effect any of the provisions of this instrument, including petitions, specifications, oaths, assignments, disclaimers, and lawful affidavits in form and substance which may be
requested by said assignee and (D) generally to do everything possible to aid said assignee, its successors, assigns, and legal
representatives to obtain, maintain, defend and enforce patent protection for such Inventions and/or secure title to such Inventions
MILLI RESIGNACE
III. Represent, warrant and covenant that I have the full right and lawful authority to make this assignment, that such assigned right
to not pre-usted by any grant, license, or other right heretofore given by me to any narry other than the assigned hereto.
Ty. Agree that my grants and obligations herein shall also bind all of my heirs, executors, administrators, legal representatives, and
92518112 all 0
V. Agree that an authorized representative of assignee is hereby granted the power to insert in this assignment any further
Accumate about which may be necessary of desirable to comply with the rules of the U.S. Patent and Trademark Office or the national
ornice of any other country for recordation of this Assignment, including the power to insert on this assignment information
regarding application number and filing date when known.
in Witness Whereof, I have executed this Worldwide Assignment on the date indicated by my hand and agree that this Worldwide
Assignment shall be effective as of the earliest priority date for the aforesaid application(s) for Letters Patent.
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JOSEPH DANDERSON ARRENT TO TENTRAL 24 Lan 2017
The state of the s
Name of Inventor 1 Signature of Inventor Date

PATENT REEL: 041824 FRAME: 0730

WORLDWIDE ASSIGNMENT

WORLDWIDE ASSIGNMENT
the undersigned MARK JACOB GADLAGE, hereby declare that I am an inventor of an invention entitled MAIZE INBRED PH2R76 the
subject matter of which is described in the application for patent (Attorney Docket No: 7195-US-NP_)
declaration executed on
United States Of America Patent Application Serial No. 15/447280 , filed on March 2, 2017 ,
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which claim(s) its earliest priority to Application Serial No, filed on
For valuable consideration, the receipt and adequacy of which is hereby acknowledged, and in fulfillment of my pre-existing
obligation of assignment to assignee, which is hereby acknowledged, I hereby:
l. Sell, assign, and transfer unto PIONEER HI-BRED INTERNATIONAL, INC., a corporation organized and existing under the laws of the State of lowa in the United States of America and having its principal place of business at 7100 NW 62 nd Avenue, P.O. Box 1014 Johnston, Iowa 50131-1014, herein referred to as the assignee, and to assignee's successors and assigns,
(A) the entire right, title, and interest in and to: (1) the aforesaid application(s) for Letters Patent ("Patent"), (2) any priority
rights derived from such aforesaid application(s) for Patent by virtue of the International Convention for the Protection of Industria
Property ("International Convention") and any other treaty or understanding for intellectual property for any and all membe
countries of the International Convention or other treaty or understanding, including rights in any and all provisional applications
(3) any and all of my inventions, whether joint or sole, disclosed in such aforesaid application(s) for Patent, and/or related to o
arising out of such aforesaid application(s) for Patent ("Inventions"), (4) any and all applications for Patent for any such Invention
in any country whatsoever, including all provisional, non-provisional, divisional, renewal, substitute, continuation, continuations-in
part, international and convention applications based in whole or in part upon such aforesaid application(s) for Patent and/or such
inventions, (5) any and all patents for any such inventions in any country whatsoever, including any and all reexams, reissues and extensions of any patent based in whole or in part upon such aforesaid application(s) for Letters Patent and/or such inventions; (8
the entire right to (1) file such applications in its name or in my name, (2) file such applications under the aforesaid international
Convention or any other treaty or understanding, (3) have said patents granted in its name or mine, the Commissioner of Patent
and Trademarks of the United States of America and any counterpart in any other patent office being hereby authorized to issue o
transfer all of said patents to said assignee in accordance herewith, and (4) enforce said patents and to sue for and recover profits
and damages for any and all infringements thereof, whether past, present or future, to the full end of the term or terms for which
said patents may be granted, as fully and entirely as the same would have been held and enjoyed by the undersigned without this
assignment;
 Agree, whenever assignee asks, without further compensation but at assignee's expense for actual and reasonable costs incurred (A) to communicate to said assignee, its successors, assigns, and legal representatives, any facts known to me respecting such
nventions or the rights described above, (B) to testify in any legal proceeding respecting such inventions or the rights described
above, the location of that testimony to be in the country in which I reside or in the nearest country in which such testimony is legal
should my country of residence prohibit such testimony, (C) to execute all applications, papers or instruments necessary or required
by said assignee, its successors, assigns and legal representatives, to carry into effect any of the provisions of this instrument
ncluding petitions, specifications, oaths, assignments, disclaimers, and lawful affidavits in form and substance which may be
requested by said assignee and (D) generally to do everything possible to aid said assignee, its successors, assigns, and lega
representatives to obtain, maintain, defend and enforce patent protection for such inventions and/or secure title to such inventions
with assignee;
II. Represent, warrant and covenant that I have the full right and lawful authority to make this assignment, that such assigned right
s not pre-dated by any grant, license, or other right heretofore given by me to any party other than the assignee hereto;
V. Agree that my grants and obligations herein shall also bind all of my heirs, executors, administrators, legal representatives, and assigns; and
V. Agree that an authorized representative of assignee is hereby granted the power to insert in this assignment any further
dentification 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, including the power to insert on this assignment information
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Assignment shall be effective as of the earliest priority date for the aforesaid application(s) for Letters Patent.
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MARK JACOB GADLAGE MALE JALLEY 1-24-2017
Name of Inventor 2. Signature of Inventor (Date
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RECORDED: 04/03/2017