#### 505556911 07/03/2019

**EPAS ID: PAT5603708** 

# 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
MARTIN ARBELBIDE	05/06/2019
GUSTAVO MARCELO GARCIA	05/08/2019

### **RECEIVING PARTY DATA**

Name:	PIONEER HI-BRED INTERNATIONAL, INC.
Street Address:	7100 NW 62ND AVENUE
Internal Address:	PO BOX 1014
City:	JOHNSTON
State/Country:	IOWA
Postal Code:	50131-1014

### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	16441185

## CORRESPONDENCE DATA

Fax Number: (515)535-6883

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: 515-535-5859

Email: IPSUPPORT@PIONEER.COM

**Correspondent Name:** PIONEER HI-BRED INTERNATIONAL. INC.

Address Line 1: 7250 NW 62ND AVENUE

Address Line 2: PO BOX 552

Address Line 4: JOHNSTON, IOWA 50131-0552

ATTORNEY DOCKET NUMBER: 7894-US-NP **NAME OF SUBMITTER:** LYNDA M. FITZPATRICK SIGNATURE: /LYNDA M. FITZPATRICK/ **DATE SIGNED:** 07/03/2019

**Total Attachments: 2** 

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**PATENT** REEL: 049663 FRAME: 0723 505556911

# **WORLDWIDE ASSIGNMENT**

I, the undersigned MARTIN ARBELBIDE, her	reby declare that I am an inventor of an in	vention entitled MAIZE INBRED PH48VD the
applementation Milich is described in the 91	oplication for patent (Attorney Docket No:	7894-US-NP )
	May 6,2019	
United States Of America	Patent Application Serial No.	, filed on,
PCT Application Serial No.	filed on	
which claim(s) its earliest priority to Applica	ation Serial No.	, filed on
hor valuable consideration, the rece	ipt and adequacy of which is hereby acknow	wledged, and in fulfillment of my pre-existing
obligation of assignment to assignee, which is 1. Sell, assign, and transfer unto PIONEER HI-	s nereby acknowledged, I hereby:	
Johnston, lowa 50131-1014, herein referred to (A) the entire right, title, and interest in rights derived from such aforesaid application Property ("International Convention") and a	ca and naving its principal place of busine: to as the assignee, and to assignee's succes: I and to: (1) the aforesaid application(s) fo In(s) for Patent by virtue of the Internations In other treaty or understanding for internations	ss at 7100 NW 62 <sup>nd</sup> Avenue, P.O. Box 1014, sors and assigns, if Letters Patent ("Patent"), (2) any priority al Convention for the Protection of Industrial reliectual property for any and all manufactures.
countries of the International Convention or	other treaty or understanding, including r	ights in any and all provisional applications,
(3) any and all of my inventions, whether justified arising out of such aforesaid application(s) for in any country whatsoever, including all provipart, international and convention application inventions, (5) any and all patents for any sextensions of any patent based in whole or in the entire right to (1) file such applications is Convention or any other treaty or understant and Trademarks of the United States of Ameritansfer all of said patents to said assignee in and damages for any and all infringements the said patents may be granted, as fully and entassignment;  II. Agree, whenever assignee asks, without furture (A) to communicate to said assignee, its inventions or the rights described above, (B) above, the location of that testimony to be in should my country of residence prohibit such by said assignee, its successors, assigns and including petitions, specifications, oaths, as requested by said assignee and (D) general representatives to obtain, maintain, defend an with assignee.	r Patent ("Inventions"), (4) any and all ap risional, non-provisional, divisional, renewall ns based in whole or in part upon such affect uch inventions in any country whatsoever, in part upon such aforesaid application(s) for its name or in my name, (2) file such application(s) for its name or in my name, (2) file such application(s) have said patents granted in its relication and any counterpart in any other paters accordance herewith, and (4) enforce said nereof, whether past, present or future, to tirely as the same would have been held all or the compensation but at assignee's expersuccessors, assigns, and legal representation to testify in any legal proceeding respect the country in which I reside or in the near testimony, (C) to execute all applications, plegal representatives, to carry into effects signments, disclaimers, and lawful affidative to do everything possible to aid said.	plications for Patent for any such Inventions I, substitute, continuation, continuations-in- presaid application(s) for Patent and/or such including any and all reexams, reissues and or Letters Patent and/or such inventions; (B) plications under the aforesaid international name or mine, the Commissioner of Patents and office being hereby authorized to issue or dipatents and to sue for and recover profits the full end of the term or terms for which and enjoyed by the undersigned without this use for actual and reasonable costs incurred, was, any facts known to me respecting such ing such inventions or the rights described rest country in which such testimony is legal papers or instruments necessary or required that any of the provisions of this instrument, wits in form and substance which may be assigned.
with assignee;	use enduces basease brosection for 2008 till A6s	nuons and/or secure title to such inventions
III. Represent, warrant and covenant that I had is not pre-dated by any grant, license, or other IV. Agree that my grants and obligations here assigns; and	right heretotore given by me to any party ain shall also bind all of my heirs, executors	other than the assignee hereto; s, administrators, legal representatives, and
V. Agree that an authorized representative identification which may be necessary or desi office of any other country for recordation regarding application number and filing date was a second or control of the country of the coun	rable to comply with the rules of the U.S. of this Assignment, including the power when known.	Patent and Trademark Office or the patent to insert on this assignment information
In Witness Whereof, I have executed this Wo	rldwide 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	s) for Letters Patent.
MARTIN ARBELBIDE	_ <u> </u>	May 6,2019
Name of Inventor 1	Signature of Inventor	Date

PATENT REEL: 049663 FRAME: 0724

	WORLDWIDE ASSIGNMENT	
	escribed in the application for patent (Attorna	entor of an invention entitled <u>MAIZE INBRED</u> by Docket No:: <u>7894-US-NP</u>
	***************************************	filed on
PCT Application Serial No.	Patent Application Serial No.	
PCT Application Serial No.	filed on	filed on
For valuable consideration, the	plication Serial No.	, filed on owledged, and in fulfillment of my pre-existing
obligation of assignment to assignee, wh		owiedged, and in runniment of my pre-existing
-		n organized and existing under the laws of the
_	-	ness at 7100 NW 62 <sup>nd</sup> Avenue, P.O. Box 1014,
	red to as the assignee, and to assignee's succe	
	* .	for Letters Patent ("Patent"), (2) any priority
rights derived from such aforesaid applic Property ("International Convention") a countries of the International Convention (3) any and all of my inventions, wheth arising out of such aforesaid application (in any country whatsoever, including all part, international and convention applications, (5) any and all patents for a extensions of any patent based in whole the entire right to (1) file such application Convention or any other treaty or under and Trademarks of the United States of a transfer all of said patents to said assign and damages for any and all infringements all patents may be granted, as fully an assignment;  II. Agree, whenever assignee asks, witho	ration(s) for Patent by virtue of the Internation and any other treaty or understanding for it in or other treaty or understanding, including her joint or sole, disclosed in such aforesaid s) for Patent ("Inventions"), (4) any and all a provisional, non-provisional, divisional, renew tations based in whole or in part upon such a my such Inventions in any country whatsoever or in part upon such aforesaid application(s) ons in its name or in my name, (2) file such instanding, (3) have said patents granted in its America and any counterpart in any other parties in accordance herewith, and (4) enforce sonts thereof, whether past, present or future, did entirely as the same would have been held ut further compensation but at assignee's expect of the process of the process of the process of the process of the patents of the p	nal Convention for the Protection of Industrial ntellectual property for any and all member grights in any and all provisional applications, application(s) for Patent, and/or related to or applications for Patent for any such Inventions wal, substitute, continuation, continuations-in-aforesaid application(s) for Patent and/or such er, including any and all reexams, reissues and for Letters Patent and/or such Inventions; (B) applications under the aforesaid International is name or mine, the Commissioner of Patents tent office being hereby authorized to issue or said patents and to sue for and recover profits to the full end of the term or terms for which and enjoyed by the undersigned without this pense for actual and reasonable costs incurred,
Inventions or the rights described above above, the location of that testimony to should my country of residence prohibit by said assignee, its successors, assigns including petitions, specifications, oath requested by said assignee and (D) ge representatives to obtain, maintain, defe with assignee;	e, (B) to testify in any legal proceeding responds in the country in which I reside or in the notice that the such testimony, (C) to execute all applications and legal representatives, to carry into efficient, assignments, disclaimers, and lawful afficient and enforce patent protection for such lawful and enforce patent patent patent protection for such lawful and enforce patent patent patent patent patent patent patent patent paten	atives, any facts known to me respecting such ecting such Inventions or the rights described earest country in which such testimony is legal s, papers or instruments necessary or required ject any of the provisions of this instrument, davits in form and substance which may be d assignee, its successors, assigns, and legal ventions and/or secure title to such Inventions
is not pre-dated by any grant, license, or IV. Agree that my grants and obligations assigns; and	other right heretofore given by me to any par herein shall also bind all of my heirs, execut	ors, administrators, legal representatives, and
identification which may be necessary or office of any other country for recorda regarding application number and filing o	r desirable to comply with the rules of the U ation of this Assignment, including the pow late when known.	wer to insert in this assignment any further .S. Patent and Trademark Office or the patent ver to insert on this assignment information
		ed by my hand and agree that this Worldwide
Assignment shall be effective as of the ea	rliest priority date for the aforesaid application	n(s) for Letters Patent.
GUSTAVO MARCELO GARCI. Name of Inventor 2	A Signature of Inventor	MAY 8 <sup>44</sup> , 2019 Date

**PATENT REEL: 049663 FRAME: 0725** 

RECORDED: 07/03/2019