# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5636969

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
MARTIN ARBELBIDE	05/07/2019
DENNIS JAMES DOLAN	05/07/2019
GUSTAVO MARCELO GARCIA	05/08/2019
CHRISTOPHER MICHAEL SCHAEFER	05/07/2019

## **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:	16509969

### 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@CORTEVA.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:	7999-US-NP
NAME OF SUBMITTER:	LYNDA M. FITZPATRICK
SIGNATURE:	/Imfitzpatrick/
DATE SIGNED:	07/25/2019
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**Total Attachments: 4** 

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# WORLDWIDE ASSIGNMENT

I, the undersigned MARTIN ARBELBIDE,	hereby declare that I am an inventor of an	invention entitled MAIZE HYBRID X90N370 the
	e application for bateut (Attorney Docket M	o; <u>7999-US-NP</u> )
declaration executed on	May 9, 2019	
United States Of America	Patent Application Serial No.	filed on
PCT Application Serial No.	filed an	And the second s
which claim(s) its earliest priority to App	olication Serial No.	, filed on
For valuable consideration, the re	eceipt and adequacy of which is hereby ack	, filed on, nowledged, and in fulfillment of my pre-existing
State of lower in the Heited States of American	HI-BRED INTERNATIONAL, INC., a corporation	on organized and existing under the laws of the
Johnston, Iowa 50131-1014, herein refern	ed to as the assignee, and to assignee's core	ness at 7100 NW 62 <sup>nd</sup> Avenue, P.O. 8ox 1014,
tel the curie tight, title, and interes	t in and to: (1) the aforesaid application is	For Latton Basans Marie
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assignment;	entirely as the same would have been held	to the run end of the term or terms for which I and enjoyed by the undersigned without this
	further composition but at any	
(A) to communicate to said assignee	its successors assigne and local constraint	oense for actual and reasonable costs incurred, atives, any facts known to me respecting such
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with assignee;	and enforce patent protection for such In	ventions and/or secure title to such inventions
is not pre-dated by any grant, license, or nt	her right heretofore given by me to any par	make this assignment, that such assigned right
IV. Agree that my grants and obligations h	erein shall also hind all of my bairs, avecua	ty other than the assignee hereto; ors, administrators, legal representatives, and
and Street Gride		
<ul> <li>V. Agree that an authorized representat</li> </ul>	ive of assignee is hereby granted the no	wer to insert in this assignment any further
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and and applied the recollecti	or or use assignment, including the new	rer to insert on this assignment information
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in Witness Whereof, I have executed this V	Norldwide Assignment on the date indicate	ed by my hand and agree that this Worldwide
Assignment shall be effective as of the earli	est priority date for the aforesaid applicatio	n(s) for Letters Patent.
\$AANNACAMAN TOO	All restrict St. 18 - 12 - 13	
MARTIN ARBELBIDE		
Name of Inventor 1	Signature of Inventor	Date

•	WORLDWIDE ASSIGNA				
I, the undersigned <u>DENNIS JAMES DOLAN</u> , he				//AIZE HYBRID X90N370	<u>)</u> the
subject matter of which is described in the ap		Docket No: <u>7999</u>	<u>-US-NP</u> )		
declaration executed on $5/7/2$	19				
United States Of America	Patent Application Serial No	<u>16/509969</u>	, filed on	<u>12 JULY 2019</u> ,	
PCT Application Serial No.	filed on				
which claim(s) its earliest priority to Applica		· · · · · · · · · · · · · · · · · · ·	, filed c		
For valuable consideration, the rece			ged, and in fu	Ifillment of my pre-exis	sting
obligation of assignment to assignee, which is		•			
I. Sell, assign, and transfer unto PIONEER HI-					
State of Iowa in the United States of Americ				<sup>2</sup> <sup>110</sup> Avenue, P.O. Box 1	.014,
Johnston, Iowa 50131-1014, herein referred to				("Datant") (2) any ari	ority.
(A) the entire right, title, and interest ir rights derived from such aforesaid applicatio					
Property ("International Convention") and					
countries of the International Convention or		_		•	
(3) any and all of my inventions, whether jo					
arising out of such aforesaid application(s) fo					
in any country whatsoever, including all prov					
part, international and convention application	ns based in whole or in part u	pon such aforesa	id application	n(s) for Patent and/or	such
Inventions, (5) any and all patents for any s					
extensions of any patent based in whole or in		• •		•	
the entire right to (1) file such applications					
Convention or any other treaty or understar					
and Trademarks of the United States of Ame					
transfer all of said patents to said assignee in and damages for any and all infringements t				•	
said patents may be granted, as fully and en					
assignment;	thety as the same would have	occir incia aria c	njoyea by an	e anacioignea without	. (1113
II. Agree, whenever assignee asks, without fu	ırther compensation but at assi	gnee's expense f	or actual and	reasonable costs incur	rred,
(A) to communicate to said assignee, its					
Inventions or the rights described above, (B	) to testify in any legal procee	ding respecting	such Inventio	ons or the rights descr	ibed
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 a			-		_
with assignee;	ind emorce patent protection i	or such invention	is alluyor sec	ure title to such invent	10113
III. Represent, warrant and covenant that I h	ave the full right and lawful au	thority to make t	his assignme	nt, that such assigned i	right
is not pre-dated by any grant, license, or other					
IV. Agree that my grants and obligations her	rein shall also bind all of my he	irs, executors, ac	dministrators	, legal representatives,	and
assigns; and					
V. Agree that an authorized representativ				-	
identification which may be necessary or de	· · · · · · · · · · · · · · · · · · ·			· · · · · · · · · · · · · · · · · · ·	
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regarding application number and filing date					
In Witness Whereof, I have executed this W	<u>-</u>		-	<del>-</del>	wide
Assignment shall be effective as of the earlies	t priority date for the aforesaid	application(s) for	Letters Pater	ıt.	
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DENNIS JAMES DOLAN	) - C )	+la-	5/21	19	
Name of Inventor 2	Signature of Inventor		Date	• 1	
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	WORLDWIDE ASSIGNMENT	
		entor of an invention entitled MAIZE HYBRID
X90N370 the subject matter of which is described.	ped in the application for patent (Attorn SOM SOM	ney Docket No: 7999-US-NP )
	64 816	
		filed on
PCT Application Serial No.	filed on	
which claim(s) its earliest priority to Applicat	ion Serial No.	, filed on nowledged, and in fulfillment of my pre-existing
		nowledged, and in fulfillment of my pre-existing
obligation of assignment to assignee, which is		
		on organized and existing under the laws of the
		ness at 7100 NW 62 <sup>nd</sup> Avenue, P.O. Box 1014,
Johnston, lowa 50131-1014, herein referred to		for Letters Patent ("Patent"), (2) any priority
		onal Convention for the Protection of Industrial
	•	intellectual property for any and all member
	-	g rights in any and all provisional applications,
		application(s) for Patent, and/or related to or
		applications for Patent for any such Inventions
in any country whatsoever, including all provis	sional, non-provisional, divisional, rene	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
		ts name or mine, the Commissioner of Patents Itent 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
		d and enjoyed by the undersigned without this
assignment;		
II. Agree, whenever assignee asks, without fur	ther compensation but at assignee's ex	pense for actual and reasonable costs incurred,
		atives, any facts known to me respecting such
		ecting such inventions or the rights described
		learest country in which such testimony is legal
		is, papers or instruments necessary or required fect any of the provisions of this instrument,
	<del>-</del>	davits in form and substance which may be
		id assignee, its successors, assigns, and legal
		iventions and/or secure title to such inventions
with assignee;	, ,	·
III. Represent, warrant and covenant that I have	ve the full right and lawful authority to	make this assignment, that such assigned right
is not pre-dated by any grant, license, or other		
	in shall also bind all of my heirs, execu	tors, administrators, legal representatives, and
assigns; and		
		ower to insert in this assignment any further
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regarding application number and filing date w		wer to insert on this assignment information
		ted by my band and agree that this Worldwide
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Assignment shall be effective as of the earliest p	mornly date for the aforesaid application	ms) for Letters Patent.
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GUSTAVO MARCELO GARCIA	- whole buil	MAY 8 2019
Name of Inventor 3	Signature of Inventor	Date

	<b>WORLDWIDE ASSIGNMENT</b>	
		nventor of an invention entitled MAIZE HYBRID
X90N370 the subject matter of which is des	cribed in the application for patent (Attor	ney Docket No: <u>7999-US-NP</u> )
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United States Of America	Patent Application Serial No.	, filed on ,
PCT Application Serial No.	filed on	
which claim(s) its earliest priority to Appl		, filed on .
		nowledged, and in fulfillment of my pre-existing
obligation of assignment to assignee, which		71 0
I. Sell, assign, and transfer unto PIONEER H	I-BRED INTERNATIONAL, INC., a corporation	on organized and existing under the laws of the
State of Iowa in the United States of Ame	rica and having its principal place of busi	ness at 7100 NW 62 <sup>nd</sup> Avenue, P.O. Box 1014,
Johnston, Iowa 50131-1014, herein referre	d to as the assignee, and to assignee's succ	essors and assigns,
(A) the entire right, title, and interest	in and to: (1) the aforesaid application(s)	) for Letters Patent ("Patent"), (2) any priority
		onal Convention for the Protection of Industrial
		intellectual property for any and all member
countries of the International Convention	or other treaty or understanding, includin	ng rights 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
		rer, including any and all reexams, reissues and
		) for Letters Patent and/or such Inventions; (B)
		applications under the aforesaid International
		ts name or mine, the Commissioner of Patents
		atent 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
	intirely as the same would have been held	d and enjoyed by the undersigned without this
assignment;	from how as non-superhies hout at a saint and a su	
		pense for actual and reasonable costs incurred,
		tatives, any facts known to me respecting such
		ecting such Inventions or the rights described nearest country in which such testimony is legal
		ns, papers or instruments necessary or required
		fect any of the provisions of this instrument,
		idavits in form and substance which may be
		id assignee, its successors, assigns, and legal
		nventions and/or secure title to such Inventions
with assignee;	and emorce patent protection for such in	iventions and/or secure title to such inventions
<u> </u>	have the full right and lawful authority to	make this assignment, that such assigned right
is not pre-dated by any grant, license, or other		
		tors, administrators, legal representatives, and
assigns; and	,,,,,	,, <u>8</u> , <u>-</u> ,
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		J.S. Patent and Trademark Office or the patent
		wer to insert on this assignment information
regarding application number and filing dat		<b>G</b>
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Assignment shall be effective as of the earlie		
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CHRISTOPHER MICHAEL	110	al 1 -
SCHAEFER	VI	5/7/19

Signature of Inventor

**PATENT** REEL: 049863 FRAME: 0794

Date

**RECORDED: 07/25/2019** 

Name of Inventor 4