PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6856539

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
AMBER BELLEBA	06/10/2021
THOMAS CRAIG KEVERN	06/14/2021
SUZANNE MICHELLE MICKELSON	06/16/2021

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17366128

CORRESPONDENCE DATA

Fax Number:

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.

Email: brian.smith-1@corteva.com

Correspondent Name: BRIAN E. SMITH

Address Line 1: 9330 ZIONSVILLE ROAD

Address Line 4: INDIANAPOLIS, INDIANA 46268

ATTORNEY DOCKET NUMBER:	8612-US-NP
NAME OF SUBMITTER:	BRIAN E. SMITH
SIGNATURE:	/Brian E. Smith/
DATE SIGNED:	08/10/2021

Total Attachments: 3

source=20210809_8612-US-NP_1PVPL29_Exec Assignments#page1.tif source=20210809_8612-US-NP_1PVPL29_Exec Assignments#page2.tif source=20210809_8612-US-NP_1PVPL29_Exec Assignments#page3.tif

PATENT 506809720 REEL: 057130 FRAME: 0710

WORLDWIDE ASSIGNMENT

		invention entitled MAIZE INBRED 1PVPL29 th	16
subject matter of which is described in the ap	plication for patent (Attorney Docket N	lo: <u>8612-US-NP</u>)	
declaration executed on	-10-2021		
United States Of America		, filed on,	
PCT Application Serial No.	filed on		
which claim(s) its earliest priority to Applica	***************************************		
For valuable consideration, the recei	ipt and adequacy of which is hereby ac	knowledged, and in fulfillment of my pre-existing)g
obligation of assignment to assignee, which is			
I. Sell, assign, and transfer unto PIONEER HI-I	BRED INTERNATIONAL, INC., a corporat	ion organized and existing under the laws of th	36
		siness at 7100 NW 62 nd Avenue, P.O. Box 101	4,
Johnston, Iowa 50131-1014, herein referred t			
		s) for Letters Patent ("Patent"), (2) any priori	
		tional Convention for the Protection of Industri	
		r intellectual property for any and all memb	
		ing rights in any and all provisional application	
		d application(s) for Patent, and/or related to	
		Il applications for Patent for any such Invention	
		ewal, substitute, continuation, continuations-in aforesaid application(s) for Patent and/or sur	
		ever, including any and all reexams, reissues ar	
		s) for Letters Patent and/or such Inventions; (
		h applications under the aforesaid Internation	
		its name or mine, the Commissioner of Paten	
		patent office being hereby authorized to issue	
		e said patents and to sue for and recover profi	
		e, to the full end of the term or terms for which	
said patents may be granted, as fully and en	tirely as the same would have been he	eld and enjoyed by the undersigned without th	iis
assignment;			
		expense for actual and reasonable costs incurre	
		ntatives, any facts known to me respecting su-	
	· · · · · · · · · · · · · · · · · · ·	specting such inventions or the rights describe	
		nearest country in which such testimony is leg	
		ons, papers or instruments necessary or require	
		effect any of the provisions of this instrumer	
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			
		Inventions and/or secure title to such invention	
with assignee:	and emotee patent protection for such	inventions analog secure the to such invention	113
	ave the full right and lawful authority	to make this assignment, that such assigned rig	ht
is not pre-dated by any grant, license, or other right heretofore given by me to any party other than the assignee hereto; IV. Agree that my grants and obligations herein shall also bind all of my heirs, executors, administrators, legal representatives, and			nd
assigns; and			
V. Agree that an authorized representativ	e of assignee is hereby granted the	power to insert in this assignment any furth	er
identification which may be necessary or de	sirable to comply with the rules of the	U.S. Patent and Trademark Office or the pate	nt
office of any other country for recordation	n of this Assignment, including the p	ower to insert on this assignment information	on
regarding application number and filing date	when known.		
In Witness Whereof, I have executed this W	orldwide Assignment on the date indic	ated by my hand and agree that this Worldwi	de
Assignment shall be effective as of the earliest priority date for the aforesaid application(s) for Letters Patent.			
	1	*	
AMBER BELLEBA	Jamba Belli	La <u>6-10-2021</u>	
Name of Inventor 1	Signature of Inventor	Date	

PATENT REEL: 057130 FRAME: 0711

_	<u>VORLDWIDE ASSIGNN</u>		
I, the undersigned THOMAS CRAIG KEVERN, hereby			
the subject matter of which is described in the applic		ey Docket No: <u>8612-US-N</u>	<u>P_</u>)
\boxtimes declaration executed on $6/14$	+/2021		
United States Of America Patent	Application Serial No	, filed o	n,
PCT Application Serial No.	filed on _		
which claim(s) its earliest priority to Application Se			ed on
For valuable consideration, the receipt and		_ ·	n fulfillment of my pre-existing
obligation of assignment to assignee, which is hereb	. • .	•	
I. Sell, assign, and transfer unto PIONEER HI-BRED IN State of Iowa in the United States of America and		•	-
Johnston, Iowa 50131-1014, herein referred to as the			
(A) the entire right, title, and interest in and to		_	
rights derived from such aforesaid application(s) for Property ("International Convention") and any oth countries of the International Convention or other (3) any and all of my inventions, whether joint or arising out of such aforesaid application(s) for Patentin any country whatsoever, including all provisional, part, international and convention applications base Inventions, (5) any and all patents for any such Inventions of any patent based in whole or in part of the entire right to (1) file such applications in its national convention or any other treaty or understanding, (1) and Trademarks of the United States of America and transfer all of said patents to said assignee in accordant damages for any and all infringements thereof, said patents may be granted, as fully and entirely a assignment; II. Agree, whenever assignee asks, without further conventions or the rights described above, (B) to test above, the location of that testimony to be in the conshould my country of residence prohibit such testim by said assignee, its successors, assigns and legal including petitions, specifications, oaths, assignment requested by said assignee and (D) generally to compresentatives to obtain, maintain, defend and enforcemental that I have the is not pre-dated by any grant, license, or other right	Patent by virtue of the per treaty or understanding sole, disclosed in such a tereaty or understanding sole, disclosed in such a tereaty or understanding sole, disclosed in such a tereaty or understanding sole, disclosed in whole or in part upentions in any country vipon such aforesaid applame or in my name, (2) and have said patents grad any counterpart in any dance herewith, and (4) whether past, present of the same would have sompensation but at assignors, assigns, and legal proceed ony, (C) to execute all aprepresentatives, to carrents, disclaimers, and lad of everything possible force patent protection for tull right and lawful autheretofore given by me to the same would have a sole or the same would have a sole	International Convention of ding for intellectual proper, including rights in any area of oresaid applications for land, renewal, substitute, consuch aforesaid applications under the such applications and its name or mine, or other patent office being a enforce said patents and or future, to the full end or future, to the future, to the future, to the full end or future, to the future, to t	for the Protection of Industrial erty for any and all member and all provisional applications, and all provisional applications, and all provisional applications, and all reasons, related to or Patent for any such Inventions continuation, continuations-intion(s) for Patent and/or such and all reexams, reissues and and and reasonal International the Commissioner of Patents hereby authorized to issue or to sue for and recover profits of the term or terms for which the undersigned without this and reasonable costs incurred, known to me respecting such intions or the rights described a which such testimony is legal ruments necessary or required provisions of this instrument, and substance which may be successors, assigns, and legal secure title to such Inventions ment, that such assigned right e assignee hereto;
IV. Agree that my grants and obligations herein sha	ill also bind all of my he	irs, executors, administrat	ors, legal representatives, and
assigns; and	rianco is boroby aronte	ed the newer to incert in	thic accionment any further
V. Agree that an authorized representative of as identification which may be necessary or desirable			-
office of any other country for recordation of thi	• •		
regarding application number and filing date when k		,	G
In Witness Whereof, I have executed this Worldwic		te indicated by my hand	and agree that this Worldwide
Assignment shall be effective as of the earliest priori	_	• •	_
•			
	of p.	γ	. 111 0 1
THOMAS CRAIG KEVERN	Signature of Inventor	Mun)	unl 14, 2021
Name of Inventor 2	Signature of Inventor	Date	•

PATENT REEL: 057130 FRAME: 0712

	VORLDWIDE ASSIGNMENT	
I, the undersigned SUZANNE MICHELLE MICKELSON	\underline{N} , hereby declare that I am an	inventor of an invention entitled MAIZE INBRE
<u>1PVPL29</u> the subject matter of which is described in	the application for patent (Atto	rney Docket No: <u>8612-US-NP</u>)
\boxtimes declaration executed on $6 - 16 - 6$	21	
United States Of America Patent	Application Serial No.	, filed on,
PCT Application Serial No.	filed on	
which claim(s) its earliest priority to Application Se		, filed on .
For valuable consideration, the receipt and	adequacy of which is hereby ac	knowledged, and in fulfillment of my pre-existin
obligation of assignment to assignee, which is hereby	y acknowledged, I hereby:	
I. Sell, assign, and transfer unto PIONEER HI-BRED IN		
State of Iowa in the United States of America and		
Johnston, Iowa 50131-1014, herein referred to as the		
(A) the entire right, title, and interest in and to		
rights derived from such aforesaid application(s) for		
Property ("International Convention") and any oth		
countries of the International Convention or other		
(3) any and all of my inventions, whether joint or		
arising out of such aforesaid application(s) for Paten		
in any country whatsoever, including all provisional,		
part, international and convention applications base Inventions, (5) any and all patents for any such Inv		
extensions of any patent based in whole or in part u		
the entire right to (1) file such applications in its na		
Convention or any other treaty or understanding, (
and Trademarks of the United States of America and		
transfer all of said patents to said assignee in accord		
and damages for any and all infringements thereof,		
said patents may be granted, as fully and entirely a		
assignment;		, , ,
II. Agree, whenever assignee asks, without further c	ompensation but at assignee's ϵ	expense for actual and reasonable costs incurred
(A) to communicate to said assignee, its succes	sors, assigns, and legal represe	ntatives, any facts known to me respecting suc
Inventions or the rights described above, (B) to tes	stify in any legal proceeding re	specting such Inventions or the rights describe
above, the location of that testimony to be in the co		
should my country of residence prohibit such testim	* * * *	
by said assignee, its successors, assigns and legal		
including petitions, specifications, oaths, assignment		
requested by said assignee and (D) generally to		
representatives to obtain, maintain, defend and enf	orce patent protection for such	Inventions and/or secure title to such invention
with assignee;	والمراجع والم والمراجع والمراجع والمراجع والمراجع والمراجع والمراجع والمراج	to modern state and an arrange state and an arrange of sign
III. Represent, warrant and covenant that I have the		
is not pre-dated by any grant, license, or other right IV. Agree that my grants and obligations herein sha		
assigns; and	in also bille all of fily fields, exec	cutors, autimistrators, legal representatives, an
V. Agree that an authorized representative of as	signee is hereby granted the	nower to insert in this assignment any furthe
identification which may be necessary or desirable		
office of any other country for recordation of th		
regarding application number and filing date when k		U
In Witness Whereof, I have executed this Worldwig	de Assignment on the date indi	cated by my hand and agree that this Worldwid
Assignment shall be effective as of the earliest priori		
G at the state of the control priving wave for the wive course approximation for the mental and the state of the st		
SUZANNE MICHELLE MICKELSON	Showne 4n Mrs	lectroen_ 6-16-21
Name of Inventor 3	Signature of Inventor	Date

PATENT REEL: 057130 FRAME: 0713

RECORDED: 08/10/2021