506347119 11/10/2020

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT6393873

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date	
EVERTON ALEN BRENNER	03/25/2020	
TRAVIS J LEE	03/04/2020	
NEWAY CHALLA MENGISTU	03/24/2020	
BRANDON MICHAEL WARDYN	03/20/2020	

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:	17077148

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**

PO BOX 552 Address Line 2:

Address Line 4: JOHNSTON, IOWA 50131-0552

ATTORNEY DOCKET NUMBER:	8376-US-NP
NAME OF SUBMITTER:	LYNDA FITZPATRICK/
SIGNATURE:	/Imfitzpatrick/
DATE SIGNED:	11/10/2020

Total Attachments: 4

PATENT REEL: 054325 FRAME: 0352

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source=8376-US-NP_X08P378_ExecutedAssignments#page1.tif source=8376-US-NP_X08P378_ExecutedAssignments#page2.tif source=8376-US-NP_X08P378_ExecutedAssignments#page3.tif source=8376-US-NP_X08P378_ExecutedAssignments#page4.tif

WORLDWIDE ASSIGNMENT

		of an invention entitled MAIZE HYBRID X08P378
the subject matter of which is described i	n the application for patent (Attorney Docke	et No: 8376-US-NP_)
declaration executed on	3125/20	
United States Of America	Patent Application Serial No.	filed on
PCT Application Serial No.	filed on	
which claim(s) its earliest priority to Ap	plication Serial No.	, filed on
For valuable consideration, the	receipt and adequacy of which is hereby ack	nowledged, and in fulfillment of my pre-existing
obligation of assignment to assignee, whi		
I. Sell, assign, and transfer unto PIONEER	l HI-BRED INTERNATIONAL, INC., a corporati	on organized and existing under the laws of the
State of Iowa in the United States of Ar	merica and having its principal place of bus	iness at 7100 NW 62 nd Avenue, P.O. Box 1014,
Johnston, Iowa 50131-1014, herein refer	red to as the assignee, and to assignee's such	cessors and assigns,
(A) the entire right, title, and intere	est in and to: (1) the aforesaid application(s) for Letters Patent ("Patent"), (2) any priority
rights derived from such aforesaid applic	ation(s) for Patent by virtue of the Internati	onal Convention for the Protection of Industria
Property ("International Convention") a	and any other treaty or understanding for	intellectual property for any and all member
countries of the International Convention	in or other treaty or understanding, includir	ng rights in any and all provisional applications,
(3) any and all of my inventions, wheth	ner joint or sole, disclosed in such aforesaid	l application(s) for Patent, and/or related to or
arising out of such aforesaid application	s) for Patent ("Inventions"), (4) any and all	applications for Patent for any such Inventions
		ewal, substitute, continuation, continuations-in-
		aforesaid application(s) for Patent and/or such
		ver, 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
- · · · · -		d and enjoyed by the undersigned without this
assignment;	a criticity as the same would have been her	a one enjoyee of the anoets gives without this
	out further compensation but at assignee's ex	pense for actual and reasonable costs incurred,
(A) to communicate to said assigned	e, its successors, assigns, and legal represent	tatives, any facts known to me respecting such
Inventions or the rights described abov	e, (B) to testify in any legal proceeding resp	pecting such Inventions or the rights described
above, the location of that testimony to	be in the country in which I reside or in the r	nearest country in which such testimony is legal
should my country of residence prohibit	such testimony, (C) to execute all application	ns, papers or instruments necessary or required
		ffect any of the provisions of this instrument,
- ·	_	idavits in form and substance which may be
		aid assignee, its successors, assigns, and legal
	end and enforce patent protection for such li	nventions and/or secure title to such Inventions
with assignee;	A The condition of the	
		make this assignment, that such assigned right
	other right heretofore given by me to any pa	arty other than the assignee hereto; ators, administrators, legal representatives, and
assigns; and	s fierem shall also blild all of my fields, execu	nors, administrators, legal representatives, and
	tative of assignee is hereby granted the p	ower to insert in this assignment any further
		J.S. Patent and Trademark Office or the patent
		wer to insert on this assignment information
regarding application number and filing of		
		ted by my hand and agree that this Worldwide
	arliest priority date for the aforesaid applicati	-
	2	
	Viner	3/25/20
EVERTON ALEN BRENNER		
Name of Inventor 1	Signature of Inventor	Date
Name of Inventor 1	Signature of Inventor	Date

WORLDWIDE ASSIGNMENT

I, the undersigned TRAVIS J LEE, hereby declare that	t I am an inventor of an invention of	entitled MAIZE HYBRID X08P378 the subject		
matter of which is described in the application for pa		NP)		
\boxtimes declaration executed on $3 \cdot 9 -$	2020			
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		
		rledged, and in fulfillment of my pre-existing		
obligation of assignment to assignee, which is hereby				
1. Sell, assign, and transfer unto PIONEER HI-BRED IN				
State of Iowa in the United States of America and				
Johnston, lowa 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 as the same would have been held and enjoyed by the undersigned without this			
assignment;				
II. Agree, whenever assignee asks, without further c				
(A) to communicate to said assignee, its successions as the sights described obtain (B) to be				
	Inventions 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 testim				
by said assignee, its successors, assigns and legal	representatives, to carry into effect	it 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				
	orce patent protection for such inve	ntions and/or secure title to such inventions		
with assignee;	. Could what would be offer the state of	at a distribution of the state		
III. Represent, warrant and covenant that I have the is not pre-dated by any grant, license, or other right	hasatafasa siyaa bu wa ta ayy aasta	ake this assignment, that such assigned right		
IV. Agree that my grants and obligations herein sha	Il also bind all of my bairs, avenuter	other than the assignee hereto;		
assigns; and	in also bind all of my neits, executor	s, administrators, legal representatives, and		
V. Agree that an authorized representative of as	signed is hereby granted the now	or to insort in this assignment and further		
identification which may be necessary or desirable	to comply with the rules of the H.S.	Patent and Trademark Office or the natent		
identification 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				
regarding application number and filing date when known.				
In Witness Whereof, I have executed this Worldwic		by my hand and garage that this Worldwide		
Assignment shall be effective as of the earliest priority date for the aforesaid application(s) for Letters Patent.				
TRAVIS J LEE	In Shee	3-4-2020		
Name of Inventor 3	Signature of Inventor	Date		

I, the undersigned NEWAY CHALLA MENGISTU, hereby declare that I am an inventor of an invention entitled MAIZE HYBRID X08P378 the subject matter of which is described in the application for patent (Attorney Docket No: 8376-US-NP) declaration executed on United States Of America Patent Application Serial No, filed on,		
declaration executed on United States Of America Patent Application Serial No. , filed on ,		
United States Of America Patent Application Serial No, filed on,		
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		
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 Industrial		
Property ("International Convention") and any other treaty or understanding for intellectual property for any and all member		
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 or		
arising out of 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 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 Trademarks of the United States of America and any counterpart in any other patent office being hereby authorized to issue or		
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;		
II. 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		
Inventions 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,		
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		
with assignee;		
III. Represent, warrant and covenant that I 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 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		
assigns; and		
V. Agree that an authorized representative of assignee is hereby granted the power to insert in this assignment any further		
identification 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		
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.		
1		
NEWAY CHALLA MENGISTU 349 03/24/2020		
Name of Inventor 3 Signature of Inventor Date		

		WORLDWIDE ASSIGNME		
			an inventor of an invention entitled $\underline{\underline{W}}$	AIZE HYBRID
	 •	9 14 / 1	(Attorney Docket No: <u>8376-US-NP</u>)	
☒	declaration executed on	2/20/2020	 .	
	United States Of America	Patent Application Serial No.	, filed on	,
	PCT Application Serial No.	filed on		
whic	h claim(s) its earliest priority to App		, filed on	·
	-		by acknowledged, and in fulfillment of m	y pre-existing
		h is hereby acknowledged, I hereby:		
•	- ·		poration organized and existing under the	
			of business at 7100 NW 62 nd Avenue, P	.O. Box 1014,
		ed to as the assignee, and to assignee	_ ,	
	=	- ·	ation(s) for Letters Patent ("Patent"), (2	
-	· ·	· · · · · · · · · · · · · · · · · · ·	ternational Convention for the Protection	
			ng for intellectual property for any and	
			ncluding rights in any and all provisional	
			presaid application(s) for Patent, and/or and all applications for Patent for any su	
			and an applications for Patent for any su al, renewal, substitute, continuation, con	
			n such aforesaid application(s) for Paten	
			atsoever, including any and all reexams,	
extens	ions of any patent based in whole o	or in part upon such aforesaid applic	ation(s) for Letters Patent and/or such In	ventions: (B)
			le such applications under the aforesaid	
			ed in its name or mine, the Commission	
			ther patent office being hereby authoriz	
, transfe	er all of said patents to said assigne	e in accordance herewith, and (4) e	nforce said patents and to sue for and re	ecover profits
and da	amages for any and all infringement	s thereof, whether past, present or	future, to the full end of the term or ter	rms for which
		entirely as the same would have be	en held and enjoyed by the undersigned	d without this
assigni	•			
II. Agr	ee, whenever assignee asks, withou	t further compensation but at assign	ee's expense for actual and reasonable o	osts incurred,
(A)) to communicate to said assignee,	its successors, assigns, and legal re	presentatives, any facts known to me re	specting such
invent	ions or the rights described above,	(B) to testify in any legal proceeding	ng respecting such inventions or the rig	hts described
anove,	, the location of that testimony to b	e in the country in which I reside or	in the nearest country in which such test	imony is legal
hy enit	d assigned its successors assigns	and local representatives, to execute	lications, papers or instruments necessa into effect any of the provisions of the	ry or required
includi	ne netitions specifications caths	and legal representatives, to carry	ful affidavits in form and substance w	s instrument,
reques	sted by said assignee and (D) gen	erally to do eventhing possible to	ald said assignee, its successors, assig	mich may be
repres	entatives to obtain, maintain, defen	id and enforce natent protection for	such inventions and/or secure title to su	ins, and legal
with as	ssignee;	and and a parame proceeding for	add. inventions and/or secure title to st	CI INVESTIONS
		I have the full right and lawful author	ority to make this assignment, that such	assigned right
is not	pre-dated by any grant, license, or o	ther right heretofore given by me to	any party other than the assignee hereto	1:
IV. Ag	ree that my grants and obligations	herein shall also bind all of my heirs	, executors, administrators, legal represe	entatives, and
assign:	s; and		·	
V. Ag	ree that an authorized representa	tive of assignee is hereby granted	the power to insert in this assignmen	t any further
identif	ication which may be necessary or	desirable to comply with the rules of	of the U.S. Patent and Trademark Office	or the patent
office	of any other country for recordat	tion of this Assignment, including t	the power to insert on this assignmen	t information
	ing application number and filing da			
In Wit	ness Whereof, I have executed this	Worldwide Assignment on the date	indicated by my hand and agree that th	is Worldwide
Assign	ument shall be effective as of the earl	liest priority date for the aforesaid app	plication(s) for Letters Patent.	
		1		
	BRANDON MICHAEL, WARDY	N NO 16	3/21/2	.
•			/m /20/200	20
	Name of Inventor 5	Signature of Inventor	Date	

PATENT

REEL: 054325 FRAME: 0357

RECORDED: 11/10/2020