PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6581665

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
EVERTON ALEN BRENNER	03/25/2020
RUSSELL FOX	03/26/2020
ELLIOT LEE HEFFNER	03/19/2020
GARY EDWARD HENKE	03/07/2020
TRAVIS J LEE	03/04/2020
SARA JANE LIRA	03/23/2020
GORAN SRNIC	03/20/2020
TARA LUANA BARRETT TARNOWSKI	06/20/2020
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:	17077005

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

PIONEER HI-BRED INTERNATIONAL, INC. Correspondent Name:

Address Line 1: **7250 NW 62ND AVENUE**

Address Line 2: PO BOX 552

Address Line 4: JOHNSTON, IOWA 50131-0552

ATTORNEY DOCKET NUMBER: 8354-US-NP

REEL: 055481 FRAME: 0029 506534889

PAIENI

NAME OF SUBMITTER:	LYNDA FITZPATRICK		
SIGNATURE:	/Imfitzpatrick/		
DATE SIGNED:	03/03/2021		
Total Attachments: 9			
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I, the undersigned EVERTON ALEN BREN	NER, hereby declare that I am an inventor o	f an invention entitled MAIZE HYBRID X13P471
the subject matter of which is described i	n the application for patent (Attorney Docke	t No: <u>8354-US-NP</u>)
declaration executed on	3/25/20	
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 ackr	nowledged, and in fulfillment of my pre-existing
obligation of assignment to assignee, whi		
		in organized and existing under the laws of the
		ness at 7100 NW 62 nd Avenue, P.O. Box 1014,
	red to as the assignee, and to assignee's succ	essors and assigns, for Letters Patent ("Patent"), (2) any priority
Property ("International Convention") a countries of the International Conventio (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 applications. Convention or any other treaty or under and Trademarks of the United States of transfer all of said patents to said assign and damages for any and all infringements.	and any other treaty or understanding for in or other treaty or understanding, including the joint or sole, disclosed in such aforesaid s) for Patent ("Inventions"), (4) any and all provisional, non-provisional, divisional, renercations based in whole or in part upon such any such Inventions in any country whatsoever or in part upon such aforesaid application(s) ones in its name or in my name, (2) file such restanding, (3) have said patents granted in its America and any counterpart in any other pase in accordance herewith, and (4) enforce that thereof, whether past, present or future,	anal Convention for the Protection of Industrial intellectual 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-inaforesaid 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 Internationals aname 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
said patents may be granted, as fully an	d entirely as the same would have been held	I and enjoyed by the undersigned without this
(A) to communicate to said assigned 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, defewith assignee; Ill. Represent, warrant and covenant that is not pre-dated by any grant, license, or	e, its successors, assigns, and legal represente, (B) to testify in any legal proceeding respibe in the country in which I reside or in the nasuch testimony, (C) to execute all applications and legal representatives, to carry into effect, assignments, disclaimers, and lawful affirmerally to do everything possible to aid sailed and enforce patent protection for such limit I have the full right and lawful authority to other right heretofore given by me to any pair	pense for actual and reasonable costs incurred, 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 fect any of the provisions of this instrument, davits in form and substance which may be id assignee, its successors, assigns, and legal ventions and/or secure title to such Inventions make this assignment, that such assigned right try other than the assignee hereto;
IV. Agree that my grants and obligations assigns; and	s herein shall also bind all of my heirs, execut	tors, administrators, legal representatives, and
V. Agree that an authorized represent identification which may be necessary or office of any other country for recorda regarding application number and filing d	r desirable to comply with the rules of the U ation of this Assignment, including the pov 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
In Witness Whereof, I have executed this	s Worldwide Assignment on the date indicat	ed by my hand and agree that this Worldwide
Assignment shall be effective as of the ea	rliest priority date for the aforesaid application	on(s) for Letters Patent.
	Lux-	2/15/20
EVERTON ALEN BRENNER		3/25/20
Name of inventor 1	Signature of Inventor	Date

I, the undersigned <u>RUSSELL FOX</u> , hereby deciare that I am an inventor of an invention entitled <u>MAIZE HYBRID X13P471</u> the subject matter of which is described in the application for patent (Attorney Docket No: <u>8354-US-NP</u>)			
	126/2020	, <u>, , , , , , , , , , , , , , , , , , </u>	
<u>-</u>		, filed on	
United States Of America	Patent Application Serial No.	, med on	
PCT Application Serial No.	filed on	et d	
which claim(s) its earliest priority to App		, filed on	
		mowledged, and in fulfillment of my pre-existing	
obligation of assignment to assignee, which		ion argentized and autoting render the laws of the	
I. Sell, assign, and transfer unto Pioneer i	TI-BRED INTERNATIONAL, INC., a corporation	ion organized and existing under the laws of the siness at 7100 NW 62 nd Avenue, P.O. Box 1014,	
Johnston, Iowa 50131-1014, herein referre			
		is) for Letters Patent ("Patent"), (2) any priority	
		ional Convention for the Protection of Industrial	
		intellectual property for any and all member	
		ng rights in any and all provisional applications,	
		d application(s) for Patent, and/or related to or	
		ii 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	
		s) for Letters Patent and/or such Inventions; (B)	
the entire right to (1) file such application	ns in its name or in my name, (2) file suc	h applications under the aforesald international	
Convention or any other treaty or unders	tanding, (3) have said patents granted in	its name or mine, the Commissioner of Patents	
and Trademarks of the United States of A	merica and any counterpart in any other p	patent office being hereby authorized to issue or	
		e said patents and to sue for and recover profits	
		e, to the full end of the term or terms for which	
	entirely as the same would have been he	ld and enjoyed by the undersigned without this	
assignment;			
		xpense for actual and reasonable costs incurred,	
		ntatives, any facts known to me respecting such	
		pecting such inventions or the rights described	
		nearest country in which such testimony is legal	
		ons, papers or instruments necessary or required effect any of the provisions of this instrument,	
		fidavits in form and substance which may be	
		aid assignee, its successors, assigns, and legal	
		Inventions and/or secure title to such inventions	
with assignee;	d and emote patent protection for such	inventions and/or secure due to such inventions	
	I have the full right and lawful authority t	o make this assignment, that such assigned right	
is not pre-dated by any grant, license, or o			
		utors, administrators, legal representatives, and	
assigns; and	,	,	
. .	itive of assignee is hereby granted the r	power to insert in this assignment any further	
		U.S. Patent and Trademark Office or the patent	
		ower to insert on this assignment information	
regarding application number and filing da	te when known.	_	
In Witness Whereof, I have executed this	Worldwide Assignment on the date indic	ated by my hand and agree that this Worldwide	
Assignment shall be effective as of the earl			
	7 4 7	- lack	
RUSSELL FOX	flowed to	3/36/2021	
Name of Inventor 2	Signature of Inventor	Date	

	TO THE OFFICE AND INCHARETED	
		n invention entitled MAIZE HYBRID X13P471 th
subject matter of which is described in the app		lo: <u>8354-US-NP</u>)
declaration executed on 3-1		AL A
	Patent Application Serial No	, filed on,
PCT Application Serial No.	filed on	
which claim(s) its earliest priority to Applicat		, filed on
		knowledged, and in fulfillment of my pre-existing
State of Iowa in the United States of America Johnston, Iowa 50131-1014, herein referred to (A) the entire right, title, and interest in rights derived from such aforesaid applications. Property ("International Convention") and ar countries of the International Convention or (3) any and all of my inventions, whether joi arising out of such aforesaid application(s) for in any country whatsoever, including all provispart, international and convention application Inventions, (5) any and all patents for any sue extensions of any patent based in whole or in the entire right to (1) file such applications in Convention or any other treaty or understand and Trademarks of the United States of Ameritansfer all of said patents to said assignee in	RED INTERNATIONAL, INC., a corporate and having its principal place of but as the assignee, and to assignee's sure and to: (1) the aforesaid application ((s) for Patent by virtue of the Internative of Int	s) for Letters Patent ("Patent"), (2) any prioritional Convention for the Protection of Industrial intellectual property for any and all membering rights in any and all provisional application displications for Patent, and/or related to call applications for Patent for any such Invention rewal, substitute, continuation, continuations in aforesaid application(s) for Patent and/or such rever, including any and all reexams, reissues and s) for Letters Patent and/or such inventions; (I happlications under the aforesaid International Its name or mine, the Commissioner of Patent patent office being hereby authorized to issue desired patents and to sue for and recover profit
and damages for any and all infringements the	ereof, whether past, present or futur	e, to the full end of the term or terms for whic
	rely as the same would have been he	eld and enjoyed by the undersigned without th
assignment;	de la companya de la forma de la colonia	
(A) to communicate to said assignee, its solutions or the rights described above, (B) above, the location of that testimony to be in should my country of residence prohibit such to by said assignee, its successors, assigns and including petitions, specifications, oaths, assigneested by said assignee and (D) generally	successors, assigns, and legal represent to testify in any legal proceeding rest the country in which I reside or in the testimony, (C) to execute all application legal representatives, to carry into a fighth of the country into the	expense for actual and reasonable costs incurred natives, any facts known to me respecting such specting such Inventions or the rights described nearest country in which such testimony is legions, papers or instruments necessary or require effect any of the provisions of this instrument fidavits in form and substance which may be said assignee, its successors, assigns, and legal inventions and/or secure title to such invention
is not pre-dated by any grant, license, or other	right heretofore given by me to any p	o make this assignment, that such assigned righ earty other than the assignee hereto; sutors, administrators, legal representatives, an
identification which may be necessary or desi	rable to comply with the rules of the of this Assignment, including the p	power to insert in this assignment any furthe U.S. Patent and Trademark Office or the pater ower to insert on this assignment informatio
		eated by my hand and agree that this Worldwid
Assignment shall be effective as of the earliest	priority date for the aforesaid applicat	ion(s) for Letters Patent.
	Market Same and Same	~~~
ELLIOT LEE HEFFNER		3-19-20
Name of Inventor 3	Signature of Inventor	Date

	AAOVEDAAIDE WOOLGIAICIAI		
I, the undersigned GARY EDWARD HENKE, he	reby declare that I am an inventor of	an invention entitled MAIZE HYBRID X13P471	the
subject matter of which is described in the ap	(NO: 8354-US-NP_)	
	1 3030	M. J	
=	Patent Application Serial No.	, filed on,	
PCT Application Serial No.	filed on		
which claim(s) its earliest priority to Applica	tion Serial No.	, filed on	
		knowledged, and in fulfillment of my pre-exist	ing
obligation of assignment to assignee, which is		the sure of the body and substitution to be designed as it	+ha
		ition organized and existing under the laws of	
		usiness at 7100 NW 62 nd Avenue, P.O. Box 10	14,
Johnston, Iowa 50131-1014, herein referred to		(s) for Letters Patent ("Patent"), (2) any prio	ritı,
		ational Convention for the Protection of Indust	
		or intellectual property for any and all mem	
		ding rights in any and all provisional application	
		id application(s) for Patent, and/or related to	
· · · · · · · · · · · · · · · · · · ·		all applications for Patent for any such invention	
		newal, substitute, continuation, continuations	
· · · · · · · · · · · · · · · · · · ·	•	ch aforesald application(s) for Patent and/or so	
		ever, including any and all reexams, reissues a	
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 su	ch applications under the aforesaid Internatio	nal
Convention or any other treaty or understand	ding, (3) have said patents granted in	its name or mine, the Commissioner of Pate	nts
and Trademarks of the United States of Amer	ica and any counterpart in any other	patent office being hereby authorized to issue	è or
		ce said patents and to sue for and recover pro	
		re, to the full end of the term or terms for wh	
said patents may be granted, as fully and ent	irely as the same would have been h	eld and enjoyed by the undersigned without t	his
assignment;			
		expense for actual and reasonable costs incurr	
		entatives, any facts known to me respecting s	
		specting such inventions or the rights describ	
		e nearest country in which such testimony is le	
		ons, papers or instruments necessary or requi	
		effect any of the provisions of this instrume	
		offidavits in form and substance which may said assignee, its successors, assigns, and le	
		Inventions and/or secure title to such inventions	
with assignee;	id emoice patent protection for such	inivendons and/or secure title to such inventi-	AI 12
-	we the full right and lawful authority	to make this assignment, that such assigned ri	øht
is not pre-dated by any grant, license, or other		- ·	5
		cutors, 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 furt	her
		U.S. Patent and Trademark Office or the pat	
		power to insert on this assignment informat	
regarding application number and filing date v			
In Witness Whereof, I have executed this Wo	orldwide Assignment on the date indi	cated by my hand and agree that this Worldw	/ide
Assignment shall be effective as of the earliest			
<u> </u>	. , 		
GARY EDWARD HENKE	Signalur of Inventor	<u>ala</u> 317/2020	
Name of Inventor 4	Signature of Inventor	Date	

· · · · · · · · · · · · · · · · · · ·	A con an inventor of an invention on	titled BAAITE LIVERID V12BA71 the cubinet
I, the undersigned TRAVIS J LEE, hereby declare that		
matter of which is described in the application for pate declaration executed on 3-4-2-		<u>r</u> ,
	pplication Serial No.	, filed on,
PCT Application Serial No.	filed on	
which claim(s) its earliest priority to Application Serie	al No.	, filed on .
For valuable consideration, the receipt and ac		
obligation of assignment to assignee, which is hereby		, -Bee, 2.10 to 10.11.
I. Sell, assign, and transfer unto PIONEER HI-BRED INT		ganized and existing under the laws of the
State of Iowa in the United States of America and ha	aving its principal place of business	at 7100 NW 62 nd Avenue, P.O. Box 1014,
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 P		
Property ("International Convention") and any othe		
countries of the International Convention or other tr		
(3) any and all of my inventions, whether joint or so		
arising out of such aforesaid application(s) for Patent		
in any country whatsoever, including all provisional, r		
part, international and convention applications based	in whole or in part upon such afore	esaid application(s) for Patent and/or such
Inventions, (5) any and all patents for any such Inventions	·	- '
extensions of any patent based in whole or in part up		
the entire right to (1) file such applications in its nan		
Convention or any other treaty or understanding, (3)	· -	
and Trademarks of the United States of America and		
transfer all of said patents to said assignee in accorda		•
and damages for any and all infringements thereof, v		
said patents may be granted, as fully and entirely as	the same would have been held and	d enjoyed by the undersigned without this
assignment;		
II. Agree, whenever assignee asks, without further co	· · · · · · · · · · · · · · · · · · ·	
(A) to communicate to said assignee, its successed		· · · · · · · · · · · · · · · · · · ·
Inventions or the rights described above, (B) to test		-
above, the location of that testimony to be in the cou		· · · · · · · · · · · · · · · · · · ·
should my country of residence prohibit such testimo		
by said assignee, its successors, assigns and legal re		
including petitions, specifications, oaths, assignment	ts, disclaimers, and lawful affidavi	ts in form and substance which may be
requested by said assignee and (D) generally to do	everything possible to aid said a	ssignee, its successors, assigns, and legal
representatives to obtain, maintain, defend and enfor	rce patent protection for such Invent	tions and/or secure title to such Inventions
with assignee;		
III. Represent, warrant and covenant that I have the	full right and lawful authority to mak	e this assignment, that such assigned right
is not pre-dated by any grant, license, or other right he		
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 assi	ignee 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. P	atent and Trademark Office or the patent
office of any other country for recordation of this		to insert on this assignment information
regarding application number and filing date when kn	own.	
In Witness Whereof, I have executed this Worldwide	Assignment on the date indicated b	by my hand and agree that this Worldwide
Assignment shall be effective as of the earliest priority		• •
TRAVIS J LEE	1-1×	3-4-2020
Name of Inventor 5	Signature of Inventor	Date

			<u>ASSIGNMENT</u>		
I, the u	indersigned SARA JANE LIR	A, hereby declare that I am	an inventor of a	n invention entiti	ed MAIZE HYBRID X13P471 the
subject	matter of which is described	l in the application for patent (Attorney Docket	No: <u>8354-US-NP</u>	_)
\boxtimes	declaration executed on	3/23/2020			
	United States Of America	Patent Application S	erial No.	, filed	l on,
Ħ	PCT Application Serial No	• •	iled on		
which	claim(s) its earliest priority	·		. 1	filed on .
WITTE	For valuable consideration	the receipt and adequacy of	which is hereby a		in fulfillment of my pre-existing
ohligati		e, which is hereby acknowledg		onio in angul, ani	· · · · · · · · · · · · · · · · · · ·
				ation organized ar	nd existing under the laws of the
State o	f Iowa in the United States	of America and having its pri	ncipal place of b	usiness at 7100 N	IW 62 nd Avenue, P.O. Box 1014,
		referred to as the assignee, ar			
					tent ("Patent"), (2) any priority
					n for the Protection of Industrial
Propert	ty ("International Convention	on") and any other treaty or	understanding f	or intellectual pro	operty for any and all member
countri	es of the International Conv	ention or other treaty or und	erstanding, inclu	ding rights in any	and all provisional applications,
(3) any	and all of my inventions, v	whether joint or sole, disclose	d in such afores	aid application(s)	for Patent, and/or related to or
					or Patent for any such inventions
					, continuation, continuations-in-
					ication(s) for Patent and/or such
					ny and all reexams, reissues and
					tent and/or such Inventions; (B)
					nder the aforesaid international
	•	= •	-		ne, the Commissioner of Patents
		•	•	•	ng hereby authorized to issue or
					nd to sue for and recover profits d of the term or terms for which
		•	•		by the undersigned without this
assignn		ny and entirely as the same w	odia Have beell i	Held alla elijoyed	by the undersigned without this
	=	without further compensation	hut at assignad's	evnense for actua	al and reasonable costs incurred,
_	- ·	•	-	•	ts known to me respecting such
					ventions or the rights described
	_				in which such testimony is legal
		· · · · · · · · · · · · · · · · · ·		·	struments necessary or required
					e provisions of this instrument,
					and substance which may be
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represe	entatives to obtain, maintain	, defend and enforce patent p	rotection for suc	h Inventions and/	or secure title to such inventions
with as	signee;				
III. Rep	resent, warrant and covena	nt that I have the full right and	l lawful authority	to make this assi	gnment, that such assigned right
		se, or other right heretofore gi			
		ations herein shall also bind a	l of my heirs, ex	ecutors, administr	ators, legal representatives, and
assigns					
					In this assignment any further
					Trademark Office or the patent
			t, including the	power to insert	on this assignment information
	ng application number and f				
					d and agree that this Worldwide
Assign	ment shall be effective as of	the earliest priority date for the	atoresaid applica	ation(s) for Letters	Patent.
		Ŋ	00-		
	SARA IANFI IRA	In Le	I frie		3/23/20
	SAKA IANH LIKA	/n 14 / 20 J	n // L/1///	<u> </u>	··

Signature of Inventor

Name of Inventor 6

PATENT REEL: 055481 FRAME: 0036

Date

		ntion entitled MAIZE HYBRID X13P471 the subject
matter of which is described in the applicati		4-U <u>S-NP</u> (
declaration executed on 40		
United States Of America	Patent Application Serial No.	, filed on,
PCT Application Serial No	filed on	
which claim(s) its earliest priority to Applie	cation Serial No.	, filed on
For valuable consideration, the rec	eipt and adequacy of which is hereby a	cknowledged, and in fulfillment of my pre-existing
ubligation of assignment to assignee, which	is hereby acknowledged, I hereby:	
I. Sell, assign, and transfer unto PIONEER HI	I-BRED INTERNATIONAL, INC., a corpora	stion organized and existing under the laws of the
State of Iowa in the United States of Amer	rica and having its principal place of bi	usiness at 7100 NW 62 rd Avenue, P.O. Box 1014,
Johnston, Jowa 50131-1014, herein referred		-
(A) the entire right, title, and interest	in and to: (1) the aforesaid application	(s) for Letters Patent ("Patent"), (2) any priority
- -	· ·	ational Convention for the Protection of Industrial
	·	or intellectual property for any and all member
		ding rights in any and all provisional applications,
		ald application(s) for Patent, and/or related to or
		all applications for Patent for any such Inventions
- · · · · - · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·	newal, substitute, continuation, continuations-in-
		ch aforesaid application(s) for Patent and/or such
		ever, including any and all reexams, reissues and
		e(s) for Letters Patent and/or such Inventions; (B)
		ch applications under the aforesaid International
		n its name or mine, the Commissioner of Patents
		patent office being hereby authorized to Issue or
		ce sald patients and to sue for and recover profits
		ire, to the full end of the term or terms for which
	solitoly as the same would have been t	reid and enjoyed by the undersigned without this
assignment;	Early and the second se	
		expense for actual and reasonable costs incurred,
		entatives, any facts known to me respecting such
		especting such inventions or the rights described
		e nearest country in which such testimony is legal dons, papers or instruments necessary or required
		effect any of the provisions of this instrument,
		affidavits in form and substance which may be
		said assignee, its successors, assigns, and legal
		n inventions and/or secure title to such inventions
with assignee;	ming emoice patent protection to 30ct	i mestions and/or sectile offerto 2001 Metation?
	have the full right and laudui authority	to make this assignment, that such assigned right
is not pre-dated by any grant, license, or other	her right horstofors glugo hu me to sou	number than the assigned bornto:
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assigns; and	commended only an of my transfer	coro. 2 agumpanatora, icen representatives, and
	ive of assignue is hereby granted the	power to insert in this assignment any further
identification which may be necessary or d	lesirable to comply with the rules of th	e U.5. Patent and Trademark Office or the patent
office of any other country for recordation	on of this Assignment, including the	power to insert on this assignment information
regarding application number and filing dat		house, se were on any application manifolding
		icated by my hand and agree that this Worldwide
Assignment shall be effective as of the earlie		
Associations court he esteed at 12 of 12 cm.	en trans one to me amesaic abbites	MOMESTON LEARNS FRANK.
	وسير وسم	
GORAN SRNIC	<u> </u>	20 March 2000
Name of Inventor 7	Signature of Inventor	Dute Parker
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	OKLUWIDE ASSIGNIVIEN I	,	
I, the undersigned <u>TARA LUANA BARRETT TARNOWS</u> X13P471 the subject matter of which is deşcribed in, t			MAIZE HYBRID
\boxtimes declaration executed on $(o/36/3)$	0		
	Application Serial No	, filed on	
PCT Application Serial No.	filed on		
which claim(s) its earliest priority to Application Ser		, filed on	•
For valuable consideration, the receipt and a	idequacy of which is hereby	acknowledged, and in fulfillment of	my pre-existing
obligation of assignment to assignee, which is hereby	<u> </u>		
 Sell, assign, and transfer unto PIONEER HI-BRED IN State of Iowa in the United States of America and P Johnston, Iowa 50131-1014, herein referred to as the 	naving its principal place of	business at 7100 NW 62 nd Avenue,	
(A) the entire right, title, and interest in and to			(2) any priority
rights derived from such aforesaid application(s) for	Patent by virtue of the Inter	national Convention for the Protecti	ion of Industrial
Property ("International Convention") and any other	er treaty or understanding	for intellectual property for any a	nd all member
countries of the International Convention or other t			
(3) any and all of my inventions, whether joint or s	-	• • • • • • • • • • • • • • • • • • • •	
arising out of such aforesaid application(s) for Patent	•		
in any country whatsoever, including all provisional, part, international and convention applications base			
Inventions, (5) any and all patents for any such Inventions			
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, (3) have said patents granted	in its name or mine, the Commission	oner of Patents
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 assignment;	the same would have been	neid and enjoyed by the undersign	ed without this
II. Agree, whenever assignee asks, without further co	ompensation but at assignee	's expense for actual and reasonable	costs incurred,
(A) to communicate to said assignee, its success			
Inventions or the rights described above, (B) to tes			
above, the location of that testimony to be in the co			
should my country of residence prohibit such testime			
by said assignee, its successors, assigns and legal in the legal in th			
including petitions, specifications, oaths, assignment requested by said assignee and (D) generally to d			
representatives to obtain, maintain, defend and enfo			
with assignee;	nce patent protection for su	ch inventions and/or secure title to	Such inventions
III. Represent, warrant and covenant that I have the	full right and lawful authorit	ty to make this assignment, that suc	h assigned right
is not pre-dated by any grant, license, or other right I			
IV. Agree that my grants and obligations herein sha			
assigns; and			
V. Agree that an authorized representative of ass			
identification which may be necessary or desirable t			
office of any other country for recordation of this		power to insert on this assignment	ent information
regarding application number and filing date when ke			
In Witness Whereof, I have executed this Worldwid		_	this Worldwide
Assignment shall be effective as of the earliest priority	y date for the aforesaid applic	ation(s) for Letters Patent.	
TARA LUANA BARRETT	7		
TARNOWSKI	1000//U	6/20/20	_
Name of Inventor 8	Signature of Inventor	Date	•

	WORLDWIDE ASSIGNMENT										
I, the undersigned BRANDON MICHAEL WARDYN, hereby declare that I am an inventor of an invention entitled MAIZE HYBRID											
	X13P471	the subject matter of which is des	cribed in the application	n for patent (Atto	orney Docket No: <u>8354-US-NP</u>)					
	\boxtimes	declaration executed on	5/20/20	20							
		United States Of America	Patent Application S	erial No	, filed on						
		PCT Application Serial No.		iled on							
	which	claim(s) its earliest priority to Appl	ication Serial No.		, filed on	<u> </u>					
	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										
		lowa in the United States of Ame				ie, P.O. Box 1014,					
		n, Iowa 50131-1014, herein referre				\ /2\					
		the entire right, title, and interest erived from such aforesaid applicat									
	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										
		ns, (5) any and all patents for any		•	- ·						
	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										
!		all of said patents to said assigned	-		•	•					
	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										
	assignm		contract as are sume n	odia nove been i	teld dita enjoyed by the undersi	Price airing file					
	-		t further compensation	but at assignee's	expense for actual and reasonal	ble costs incurred.					
	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;					, u					
	V. Agr	ee that an authorized representa	tive of assignee is he	reby granted the	power to insert in this assign	ment 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.										
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		DD ANITONI MATORIA PER STRANSSE	y man	1.	3/20/						
	_	BRANDON MICHAEL WARDY		of m		<u>~</u> ()					
		Name of Inventor 9	Signature of	Inventor	Date						

PATENT

REEL: 055481 FRAME: 0039

RECORDED: 03/03/2021