#### 01/22/2021 506462796

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT6509572

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
RUSSELL FOX	03/26/2020
ELLIOT LEE HEFFNER	03/19/2020
GARY EDWARD HENKE	03/07/2020
SARA JANE LIRA	03/23/2020
GORAN SRNIC	03/20/2020
TARA LUANA BARRETT TARNOWSKI	06/20/2020

### **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:	17076909

### **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:	8323-US-NP
NAME OF SUBMITTER:	LYNDA FITZPATRICK
SIGNATURE:	/Imfitzpatrick/
DATE SIGNED:	01/22/2021

## **Total Attachments: 6**

source=8323-US-NP\_X13P476\_ExecutedAssignments#page1.tif source=8323-US-NP\_X13P476\_ExecutedAssignments#page2.tif source=8323-US-NP\_X13P476\_ExecutedAssignments#page3.tif source=8323-US-NP\_X13P476\_ExecutedAssignments#page4.tif source=8323-US-NP\_X13P476\_ExecutedAssignments#page5.tif source=8323-US-NP\_X13P476\_ExecutedAssignments#page6.tif

# WORLDWIDE ASSIGNMENT

I, the undersigned <u>RUSSELI. FOX</u> , hereby dec matter of which is described in the application	lare that I am an inventor of an inven	tion entitled MAIZE HYBRID X13P476 the subject	
	26/2020		
	Patent Application Serial No.	, filed on	
<del>_</del>	· · · · · · · · · · · · · · · · · · ·	, med on	
PCT Application Serial No.	filed on	, filed on	
which claim(s) its earliest priority to Applica	nion Senai No.	knowledged, and in fulfillment of my pre-existing	
		knowledged, and in turniment or my pre-existing	
obligation of assignment to assignee, which is	RED INTERNATIONAL INC. a cornera	tion organized and existing under the laws of the	
State of lowe in the United States of Americ	ra and having its principal place of hi	isiness at 7100 NW 62 <sup>nd</sup> Avenue, P.O. Box 1014,	
Johnston, Iowa 50131-1014, herein referred t	n as the assignee and to assignee's su	ccessors and assigns.	
		(s) for Letters Patent ("Patent"), (2) any priority	
		tional Convention for the Protection of Industrial	
		or intellectual property for any and all member	
		ling rights in any and all provisional applications,	
(3) any and all of my inventions, whether je	pint or sole, disclosed in such aforesa	id application(s) for Patent, and/or related to or	
arising out of such aforesaid application(s) fo	r Patent ("Inventions"), (4) any and	all applications for Patent for any such Inventions	
in any country whatsoever, including all prov	risional, non-provisional, divisional, re	newal, substitute, continuation, continuations-in-	
		h aforesaid application(s) for Patent and/or such	
		ever, including any and all reexams, reissues and	
		(s) for Letters Patent and/or such Inventions; (B)	
		ch applications under the aforesaid International	
		its name or mine, the Commissioner of Patents	
		patent office being hereby authorized to issue or	
		e said patents and to sue for and recover profits re, to the full end of the term or terms for which	
	• • •	eld and enjoyed by the undersigned without this	
assignment;	arciy as the same would have been in	eid and enjoyed by the didersigned without this	
	orther compensation but at assignee's	expense for actual and reasonable costs incurred,	
(A) to communicate to said assignee. Its	successors, assigns, and legal represe	entatives, any facts known to me respecting such	
Inventions or the rights described above, (8	) to testify in any legal proceeding re	specting 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, as	signments, disclaimers, and lawful a	iffidavits in form and substance which may be	
requested by said assignee and (D) genera	lly to do everything possible to aid	said assignee, its successors, assigns, and legal	
representatives to obtain, maintain, defend a	ind enforce patent protection for such	Inventions and/or secure title to such inventions	
with assignee;			
III. Represent, warrant and covenant that I h	ave the full right and lawful authority	to make this assignment, that such assigned right	
is not pre-dated by any grant, license, or othe	r right heretofore given by me to any	party other than the assignee hereto;	
assigns; and	ein snaii aiso bind ali of my heirs, exe	cutors, administrators, legal representatives, and	
<u> </u>	of accionage is boroby granted the	power to insert in this assignment any further	
identification which may be necessary or des	irable 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 n	ower to insert on this assignment information	
regarding application number and filing date	when known.	were to macre on this assignment unormation	
		cated by my hand and agree that this Worldwide	
Assignment shall be effective as of the earlies	t priority date for the aforesaid applica	ation(s) for Letters Datent	
Assignment shall be effective as of the earliest priority date for the aforesald application(s) for Letters Patent.			
	$\sim$ .		
RUSSELL FOX	1 Cunl I	3/26/2020	
Name of Inventor 1	Signature of Inventor	Date	

	WORLDWIDE ASSIGNI			
I, the undersigned <u>ELLIOT LEE HEFFNER</u> , he	25			MAIZE HYBRID X13P476 the
subject matter of which is described in the a	pplication for patent (Attorney I १९ – २०	Docket No: <u>8323</u> -	-US-NP )	
declaration executed on				
United States Of America	Patent Application Serial No.	17/076909	, filed on	22 OCTOBER 2020 ,
PCT Application Serial No.	filed on			<del>-</del>
which claim(s) its earliest priority to Applic For valuable consideration, the rece	ation Serial No.		, filed	on
			ed, and in f	ulfillment of my pre-existing
obligation of assignment to assignee, which i		•		
I. Sell, assign, and transfer unto PIONEER HI-				
State of Iowa in the United States of Ameri				2 <sup>nd</sup> Avenue, P.O. Box 1014,
Johnston, Iowa 50131-1014, herein referred			_	Augusta and the first acres actually
(A) the entire right, title, and interest in				
rights derived from such aforesaid application				
Property ("International Convention") and				
countries of the International Convention of		,		
(3) any and all of my inventions, whether j				
arising out of such aforesaid application(s) for in any country whatsoever, including all pro				
part, international and convention application				
Inventions, (5) any and all patents for any s				
extensions of any patent based in whole or				
the entire right to (1) file such applications				
Convention or any other treaty or understa				
and Trademarks of the United States of Ame				
transfer all of said patents to said assignee i	The state of the s	r a		
and damages for any and all infringements t	chereof, whether past, present	or future, to the	full end of t	the term or terms for which
said patents may be granted, as fully and er	ntirely as the same would have	been held and e	njoyed by th	ne undersigned without this
assignment;				
II. Agree, whenever assignee asks, without f	urther compensation but at assi	gnee's expense f	or actual an	d reasonable costs incurred,
(A) to communicate to said assignee, its				
Inventions or the rights described above, (E				
above, the location of that testimony to be i				
should my country of residence prohibit such				
by said assignee, its successors, assigns an				
including petitions, specifications, oaths, a				
requested by said assignee and (D) general	· · · · · · · · · · · · · · · · · · ·			
representatives to obtain, maintain, defend with assignee;	and emorce patent protection	or such invention	is anu/or se	cure title to such inventions
III. Represent, warrant and covenant that I I	save the full right and levelul au	thority to make t	hie ocelane	ant that such assigned right
is not pre-dated by any grant, license, or oth	- <del></del>	•		
IV. Agree that my grants and obligations he				
assigns; and	Tem strail also barra gar or ally the	ns, exceutors, do		s, regar representatives, and
V. Agree that an authorized representative	ve of assignee is hereby grant	ed the nower to	insert in t	his assignment any further
identification which may be necessary or de				
office of any other country for recordatio	, ,			•
regarding application number and filing date		<i>y</i> ,		C
In Witness Whereof, I have executed this W		ate indicated by	my hand an	d agree that this Worldwide
Assignment shall be effective as of the earlies			7	
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	Same of the second	;		
ELLIOT LEE HEFFNER		philipping and the second	3-1	9-20
Name of Inventor 2	Signature of Inventor		Date	······································
April American Committees of the State of th	P			

		WORLDWIDE ASSIGNMENT	
l, the u	ndersigned GARY EDWARD HEN	KE, hereby declare that I am an inventor of an inv	ention entitled MAIZE HYBRID X13P476 the
subject	matter of which is described in t	the application for patent (Attorney Docket No: 83	323-US-NP)
Ø	declaration executed on	3/7/2020	
	United States Of America	Patent Application Serial No.	, filed on,
$\overline{\Box}$	PCT Application Serial No.	filed on	
which	claim(s) its earliest priority to A		, filed on .
WITTE		receipt and adequacy of which is hereby acknowledge.	
obligati		hich is hereby acknowledged, I hereby:	,
		R HI-BRED INTERNATIONAL, INC., a corporation o	rganized and existing under the laws of the
State o	f lowa in the United States of A	America and having its principal place of business	s at 7100 NW 62 <sup>nd</sup> Avenue, P.O. Box 1014,
		erred to as the assignee, and to assignee's successo	
		est in and to: (1) the aforesaid application(s) for	
		ication(s) for Patent by virtue of the International	
		and any other treaty or understanding for inte	
		on or other treaty or understanding, including rig	
		ther joint or sole, disclosed in such aforesaid app	
		n(s) for Patent ("Inventions"), (4) any and all app	
		Il provisional, non-provisional, divisional, renewal,	
		lications based in whole or in part upon such afor	
		any such inventions in any country whatsoever, i	
		e or in part upon such aforesaid application(s) for	
		tions in its name or in my name, (2) file such app	
		erstanding, (3) have said patents granted in its na	
		America and any counterpart in any other paten	
		nee in accordance herewith, and (4) enforce said ents thereof, whether past, present or future, to	
		nd entirely as the same would have been held an	
assignn		nd endiely as the same would have been held an	ia enjoyed by the undersigned without this
_	•	out further compensation but at assignee's expen	se for actual and reasonable costs incurred
		ee, its successors, assigns, and legal representative	
		ve, (B) to testify in any legal proceeding respecti	
		be in the country in which I reside or in the near	
		t such testimony, (C) to execute all applications, p	
		ns and legal representatives, to carry into effect	
•	-	hs, assignments, disclaimers, and lawful affiday	•
	• •	enerally to do everything possible to aid said a	
-		fend and enforce patent protection for such inver	=
	signee;		
		nat I have the full right and lawful authority to ma	ke this assignment, that such assigned right
		r other right heretofore given by me to any party	
-		ns herein shall also bind all of my heirs, executors	
assigns		•	
-		ntative of assignee is hereby granted the powe	r to insert in this assignment any further
		or desirable to comply with the rules of the U.S.	
		dation of this Assignment, including the power	
regardi	ng application number and filing	date when known.	-
-		nis Worldwide Assignment on the date indicated	by my hand and agree that this Worldwide
Assign	ment shall be effective as of the e	arliest priority date for the aforesaid application(s)	for Letters Patent.
	GARY EDWARD HENKE	Day Edward Herhe	3/7/2020
-	Name of Inventor 3	Signature of Inventor	Date

WORLDWIDE ASSIGNMENT			
I, the undersigned SARA JANE LIRA, here	eby declare that I am an inventor of an inventor	ention entitled MAIZE HYBRID X13P476 the	
subject matter of which is described in the	application for patent (Attorney Docket No: §	<u>8323-US-NP</u> )	
declaration executed on	3/23/2020		
United States Of America	Patent Application Serial No.	, filed on,	
PCT Application Serial No.	filed on		
		, filed on	
For valuable consideration, the re	ceipt and adequacy of which is hereby acknow	, filed on wledged, and in fulfillment of my pre-existing	
obligation of assignment to assignee, which	h is hereby acknowledged, I hereby:		
I. Sell, assign, and transfer unto PIONEER I	II-BRED INTERNATIONAL, INC., a corporation	organized and existing under the laws of the	
State of Iowa in the United States of Ame	erica and having its principal place of busine	ss 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 success	sors and assigns,	
(A) the entire right, title, and interest	in and to: (1) the aforesaid application(s) for	or Letters Patent ("Patent"), (2) any priority	
rights derived from such aforesaid applica	tion(s) for Patent by virtue of the Internation	al Convention for the Protection of Industrial	
Property ("International Convention") an	d any other treaty or understanding for int	reliectual property for any and all member	
countries of the International Convention	or other treaty or understanding, including i	rights in any and all provisional applications,	
		oplication(s) for Patent, and/or related to or	
		oplications for Patent for any such Inventions al, substitute, continuation, continuations-in-	
in any country whatsoever, including an p	tions based in whole or in part upon such af	oresaid application(s) for Patent and/or such	
inventions (5) any and all natents for any	v such inventions in any country whatsoever	including any and all reexams, reissues and	
		or Letters Patent and/or such Inventions; (B)	
the entire right to (1) file such application	is in its name or in my name. (2) file such ar	oplications under the aforesaid International	
Convention or any other treaty or unders	tanding, (3) have said patents granted in its	name or mine, the Commissioner of Patents	
		nt office being hereby authorized to issue or	
		id patents and to sue for and recover profits	
		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;			
		nse for actual and reasonable costs incurred,	
		ives, any facts known to me respecting such	
		ting such Inventions or the rights described	
		arest 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			
	a and entorce patent protection for such invi	entions and/or secure title to such inventions	
with assignee;	I have the full right and lawful authority to m	ake this assignment, that such assigned right	
	ther right heretofore given by me to any party		
		rs, administrators, legal representatives, and	
assigns; and		,, <b>g</b> ,	
	itive of assignee is hereby granted the pow	ver to insert in this assignment any further	
		. Patent and Trademark Office or the patent	
office of any other country for recordat	tion of this Assignment, including the power	er to insert on this assignment information	
regarding application number and filing da	ite when known.		
In Witness Whereof, I have executed this	Worldwide Assignment on the date indicate	d 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.			
$\rho \sim \rho^{2}$			
	(hu a l) Ku	3/22/2	
SARA JANE LIRA	swall whe	3/23/20	
Name of Inventor 4	Signature of Inventor	Date	

### WORLDWIDE ASSIGNMENT

	AAOUTDANIDE WOOLDINETAL	
I, the undersigned GORAN SRNIC, hereby declar		
matter of which is described in the application to	,	<u>12-NP</u> )
	PCN XOAO	6
<u> </u>	tent Application Serial No.	, filed on,
PCT Application Serial No.	filed on	
which claim(s) its earliest priority to Application		, filed on
		owledged, and in fulfillment of my pre-existing
obligation of assignment to assignee, which is he i. Sell, assign, and transfer unto PIONEER HI BRE		an area and an all are trainers are also also a second and a
State of Iowa in the United States of America a	and having its principal place of busin	ress at 7100 NW 6214 Avenue, P.O. Box 1014,
Johnston, Jowa S0131-1014, herein referred to as		
		for Letters Patent ("Patent"), (2) any priority
rights derived from such aforesold application(s) Property ("International Convention") and any		
countries of the International Convention or oth		
(3) any and all of my inventions, whether joint		
arising out of such aforesaid application(s) for Pa	itent ("Inventions"), (4) any and all	applications for Patent for any such Inventions
in any country whatsoever, including all provision	nal, non-provisional, divisional, rene	wal, substitute, continuation, continuations-in-
part, international and convention applications i		
Inventions, (5) any and all patents for any such	Inventions in any country whatsoever	er, including any and all reexams, reissues and
extensions of any patent based in whole or in pa	irt upon such aforesaid application(s)	for Letters Patent and/or such Inventions; (B)
the entire right to (1) file such applications in it	s name or in my name, (2) file such	applications under the aforesaid International
Convention or any other treaty or understanding	g, (3) have said patents granted in it	s name or mine, the Commissioner of Patents
and Trademarks of the United States of America	and any counterpart in any other pa	tent office being hereby authorized to issue or
transfer all of said patents to said assignee in account demands for any and all infringements there	cordance nerewith, and (4) enforce	said patents and to sue for and recover profits
and damages for any and all infringements there said patents may be granted, as fully and entirely	by as the same would have been belo	to the full end of the term or terms for which
assignment;	iy as the same woo o have been neith	and enjoyed by the undersigned without this
II. Agree, whenever assignee asks, without furthe	er compensation but at accompare over	annea for actual and coaconable coats insured
(A) to communicate to said assignee, its suc	Cessors, assigns, and legal represent	atives, any facts known to me respecting such
Inventions or the rights described above, (B) to	testify in any legal proceeding resp	ecting such inventions or the rights described
above, the location of that testimony to be in the	r country in which I reside or in the n	earest country in which such testimony is legal
should my country of residence prohibit such tes	timony, (C) to execute all application	s, papers or instruments necessary or required
by said assignee, its successors, assigns and leg	gal representatives, to carry into eff	ect any of the provisions of this instrument.
including petitions, specifications, oaths, assign	nments, disclaimers, and lawful affic	davits in form and substance which may be
requested by said assignee and (D) generally t	to do everything possible to aid sai	diassignee, its successors assigns and legal
representatives to obtain, maintain, defend and	enforce patent protection for such in	ventions and/or secure title to such inventions
with assignee;	at the state of th	
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 rig IV. Agree that my grants and obligations herein	the property of the property of the second	Ty other than the assignee hereto;
assigns; and	areas areas bind an or my tiens, execut	ors, aurimistrators, legal representatives, and
V. Agree that an authorized representative of	assumee is hereby pranted the no	some to tarnet in this inclination on the first
identification which may be necessary or desiral	ole 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 pov	fer to insert on this assignment information
regarding application number and filing date who	n known.	The state of the s
in Witness Whereof, I have executed this World	wide Assignment on the date indicat	ed by my hand and agree that this Worldwide
Assignment shall be effective as of the earliest pri	ority date for the aforesaid application	(s) for Letters Patent.
GORAN SRNIC	Gentlan Sont	40 MARCH 2000
Name of Inventor 5	Signature of Inventor	<u>40 - NAE (バ 犬の</u> メの Date

	WORLDWIDE ASSIGNMENT	
I, the undersigned TARA LUANA BARRETT TARNOV		
X13P476 the subject matter of which is described it declaration executed on	n the application for patent (Attor	ney Docket No: <u>8323-US-NP</u> )
	nt Application Serial No.	, filed on
		, filed off,
PCT Application Serial No.	filed on	filed en
which claim(s) its earliest priority to Application S		, filed on nowledged, and in fulfillment of my pre-existing
obligation of assignment to assignee, which is here		nowledged, and in runningent of my pre-existing
I. Sell, assign, and transfer unto PIONEER HI-BRED	· ·	ion organized and existing under the laws of the
State of Iowa in the United States of America and		
Johnston, Iowa 50131-1014, herein referred to as t		
(A) the entire right, title, and interest in and	to: (1) the aforesaid application(s	i) for Letters Patent ("Patent"), (2) any priority
rights derived from such aforesaid application(s) for	or Patent by virtue of the Internat	ional Convention for the Protection of Industrial
Property ("International Convention") and any o	ther treaty or understanding for	intellectual property for any and all member
countries of the International Convention or othe	r treaty or understanding, includi	ng rights in any and all provisional applications,
(3) any and all of my inventions, whether joint of		
arising out of such aforesaid application(s) for Pate		
in any country whatsoever, including all provisions	· · · · · · · · · · · · · · · · · · ·	•
part, international and convention applications ba	•	* * * * * * * * * * * * * * * * * * * *
Inventions, (5) any and all patents for any such in		
extensions of any patent based in whole or in part the entire right to (1) file such applications in its		· · · · · · · · · · · · · · · · · · ·
Convention or any other treaty or understanding,		
and Trademarks of the United States of America a		
transfer all of said patents to said assignee in acco		
and damages for any and all infringements thereo		
said patents may be granted, as fully and entirely		
assignment;		
II. Agree, whenever assignee asks, without further	compensation but at assignee's e	xpense for actual and reasonable costs incurred,
(A) to communicate to said assignee, its succe	essors, assigns, and legal represer	ntatives, any facts known to me respecting such
Inventions or the rights described above, (B) to t	estify in any legal proceeding res	pecting such Inventions or the rights described
above, the location of that testimony to be in the		
should my country of residence prohibit such testi	** * *	• • •
by said assignee, its successors, assigns and lega-		
including petitions, specifications, oaths, assignment		
requested by said assignee and (D) generally to		
representatives to obtain, maintain, defend and en	oforce patent protection for such	Inventions and/or secure title to such Inventions
with assignee;		
III. Represent, warrant and covenant that I have to		• •
is not pre-dated by any grant, license, or other right. Agree that my grants and obligations herein si		•
assigns; and	nan also bind an or my heirs, exec	utors, auministrators, legal representatives, and
V. Agree that an authorized representative of	assigned is hereby granted the r	nower to insert in this assignment any further
identification which may be necessary or desirable		<del>-</del> •
office of any other country for recordation of t		•
regarding application number and filing date when		•
In Witness Whereof, I have executed this Worldw		ated by my hand and agree that this Worldwide
Assignment shall be effective as of the earliest prio		
	and another application	
TARA LUANA BARRETT	9	
TARNOWSKI	Mary	6/20/20
Name of Inventor 6	Signature of Inventor	Date
- · <del>-</del>		

**RECORDED: 01/22/2021**