PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT4047945

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MICHAEL ADAM CHANDLER	03/17/2016
JAY ROBERT HOTCHKISS	03/14/2016
MICHAEL JOSEPH O'LEARY	03/18/2016

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15086329

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: 515-535-0647

Email: ipsupport@pioneer.com **Correspondent Name:** LYNDA FITZPATRICK Address Line 1: 7250 NW 62ND AVE Address Line 4: JOHNSON, IOWA 50131

ATTORNEY DOCKET NUMBER:	7025-US-NP
NAME OF SUBMITTER:	LYNDA M. FITZPATRICK
SIGNATURE:	/Imfitzpatrick/
DATE SIGNED:	09/12/2016

Total Attachments: 3

source=7025USNP_SignedAssignment#page1.tif source=7025USNP_SignedAssignment#page2.tif source=7025USNP_SignedAssignment#page3.tif

> **PATENT REEL: 039704 FRAME: 0643** 504001289

the undersigned same and	WORLDWIDE ASSIGN	<u>IMENT</u>		
I, the undersigned <u>MICHAEL ADAM CHAP</u> X95H682 the subject matter of which is desc	IDLER, hereby declare that I	am an inventor o	of an inventio	n entitled MAIZE HYRRID
X95H682 the subject matter of which is desc declaration executed on	ribed in the application for pat	tent (Attorney Doc	ket No: 7025-	US-NP)
United States Of America	D. A. G.			
DCT Application Park Co.	Patent Application Serial No.	15/086329	, filed on	March 31, 2016
which claim(s) its earliest principle.	£3 - 3			
For valuable consideration, the reason	ation Serial No.	***************************************	, filed on	, ·
which claim(s) its earliest priority to Applic For valuable consideration, the rece obligation of assignment to assignee, which i	apt and adequacy of which is h	ereby acknowledg	ed, and in fulf	illment of my pre-existing
I. Sell, assign, and transfer unto PIONEER HE	BRED INTERNATIONAL MIC	by:		•
I. Sell, assign, and transfer unto PIONEER HI- State of lowa in the United States of Ameri Johnston, Iowa 50131-1014, herein referred	ca and having its principal win	corporation organ	nized and exist	ing under the laws of the
Johnston, Jowa 50131-1014, herein referred (A) the entire right title and interest in	to as the assignee, and in assign	nea's suppossors at	7100 NW 62"	* Avenue, P.O. Box 1014,
The state of the s	1 and for liftho atomorald and	allowed and first from a con-		Samuelli Internation
rights derived from such aforesaid application Property ("International Convention") and	n(s) for Patent by virtue of the	International Con	vention for th	Protection of industrial
Property ("International Convention") and countries of the International Convention or	any other treaty or understail	nding for intellect	ual property	for any and all months
countries of the International Convention or (3) any and all of my inventions, whether is	other treaty or understanding	g, including rights	in any and all	provisional annilizations
(3) any and all of my inventions, whether jarising out of such aforesaid application(s) for	pint or sole, disclosed in such	aforesaid applicat	ion(s) for Pate	ent, and/or related to or
arising out of such aforesaid application(s) for in any country whatsoever, including all proving a such as a such a	r Patent ("inventions"), (4) a	ny and all applicat	ions for Paten	t for any such Inventions
in any country whatsoever, including all prov part, international and convention application	divisional, divisional, divisional	onal, renewal, sub	stitute, contin	uation, continuations-in-
part, international and convention application inventions, (5) any and all patents for any second conventions.	us based in whole or in part u	pon such aforesai	d application(s	i) for Patent and/or such
extensions of any patent based in whole or in	TORY upon such aforesaid and	wnatspever, inclui	ding any and a	all reexams, reissues and
assignment;	merk as the same Mould USA6	been held and enj	loyed by the u	indersigned without this
Agree, whenever assignee asks, without fur (A) to communicate to said assignee its	ther compensation but at assi	gnee's expense for	actual and re	asonable costs inclined
including petitions, specifications, oaths, ass requested by said assignee and (D) generall representatives to obtain, maintain defend as				
The state of the s	id enforce patent protection to	to aid said assign	ee, its succes:	sors, assigns, and legal
III. Represent, warrant and covenant that I ha	ve the full right and lawful aut	hority to make this	accionment :	that click assigned data
IV. Agree that my grants and obligations here assigns; and	in shall also bind all of my heir	rs, executors, adm	inistrators, leg	gal representatives, and
V. Agree that an authorized representative identification which may be necessary or design	of assignee is hereby grante	d the power to in	nsert in this a	issignment any further
office of any other country for recordation regarding application number and filing date w	hen known	the power to ins	sert on this a	ssignment information
In Witness Whereof, I have executed this Wor Assignment shall be effective as of the parliage	ldwide Assignment on the 2-4	se forthermanner ()		
Assignment shall be effective as of the earliest	priority data for the oference	e morested by my	nand and agn	ee that this Worldwide
		abhiicatiou(s) tot [etters Patent.	
SAIOUS OF THE STATE OF THE STAT				
MICHAEL ADAM CHANDLER			3/17/	16
Name of Inventor 1	Signature of Inventor		Dato	

PATENT REEL: 039704 FRAME: 0644

WORLDWIDE ASSIGNMENT

I, the undersigned <u>JAY ROBERT HOTCHKISS</u> , hereby declare that I am an in the subject matter of which is described in the application for patent (Attor	nventor of an invention entitled MAIZE HYBRID X95H682 ney Docket No: 7025-US-NP)
declaration executed on	
United States Of America Patent Application Serial No.	15/086329 , filed onMarch 31, 2016 ,
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 h	ereby acknowledged, and in fulfillment of my pre-existing
obligation of assignment to assignee, which is hereby acknowledged, I here	by:
I. Sell, assign, and transfer unto PIONEER HI-BRED INTERNATIONAL, INC., a	corporation organized and existing under the laws of the
State of lowe in the United States of America and having its principal pla	ice of business at 7100 NW 62" Avenue, P.O. Box 1014,
Johnston, Iowa 50131-1014, herein referred to as the assignee, and to assig	inee's successors and assigns,
(A) the entire right, title, and interest in and to: (1) the aforesaid apprights derived from such aforesaid application(s) for Patent by virtue of the	Sittationity for Letters release (retent), (2) only proofing
Property ("International Convention") and any other treaty or understa	nding for intellectual property for any and all member
countries of the International Convention or other treaty or understanding	ig, 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, divisi	ional, renewal, substitute, continuation, continuations-in-
part, international and convention applications based in whole or in part i	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 ap	piicaugnis) for certers ratent and/or socia inventional
the entire right to (1) file such applications in its name or in my name, (2 Convention or any other treaty or understanding, (3) have said patents gi	ranted in its name or mine, the Commissioner of Patents
and Trademarks of the United States of America and any counterpart in a	ny 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	t 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	e been held and enjoyed by the undersigned without this
assignment:	
II. Agree, whenever assignee asks, without further compensation but at as	signee's expense for actual and reasonable costs incurred,
(A) to communicate to said assignee, its successors, assigns, and lega	representatives, any facts known to the respecting sour
Inventions or the rights described above, (B) to testify in any legal proceabove, the location of that testimony to be in the country in which I reside	soung respecting such inventions as the rights described
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 ca	urry 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	e 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;	A AC A MARKET MA
III. Represent, warrant and covenant that I have the full right and lawful a	uthority to make this assignment, that such assigned right
is not pre-dated by any grant, license, or other right heretofore given by m IV. Agree that my grants and obligations herein shall also bind all of my h	e to any party other than the assigner hereto,
assigns; and	tens, encoursely maintain dears, regards of managements, and
V. Agree that an authorized representative of assignee is hereby gran	nted the power to insert in this assignment any further
identification which may be necessary or desirable to comply with the ru	les of the U.S. Patent and Trademark Office or the patent
office of any other country for recordation of this Assignment, includi-	ng 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	
Assignment shall be effective as of the earliest priority date for the aforesais	d application(s) for Letters Patent.
	1 1 N
1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	Jett Leal of March 2016
JAY ROBERT HOTCHKISS ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~	Shake
Name of Inventor 2 Signature of Inventor	Date

PATENT REEL: 039704 FRAME: 0645

	WORLDWIDE ASSIGN	<u>IMENT</u>			
, the undersigned MICHAEL JOSEPH O'LEAR					<u> 35H682</u>
the subject matter of which is described in t	he application for patent (Atto	rney Docket No:	7025-US-NP	_)	
declaration executed on		. = 4			
United States Of America	Patent Application Serial No.	15/086329	, filed on	March 31, 2016	_'
PCT Application Serial No.	filed on			-	
which claim(s) its earliest priority to Applic			, filed		
For valuable consideration, the recobligation of assignment to assignee, which			agea, and in ti	uffillment of my pre-	existing
obligation of assignment to assignee, which I. Sell, assign, and transfer unto PIONEER HI	-		anized and ex	isting under the law	s of the
State of Iowa in the United States of Amer					
Johnston, Iowa 50131-1014, herein referred				,,	,
(A) the entire right, title, and interest				("Patent"), (2) any	priority
rights derived from such aforesaid applicati	on(s) for Patent by virtue of th	e International C	onvention for	the Protection of Inc	dustrial
Property ("International Convention") and					
countries of the International Convention of		-			
(3) any and all of my inventions, whether	-				
arising out of such aforesaid application(s) f in any country whatsoever, including all pro					
part, international and convention applicati					
Inventions, (5) any and all patents for any		- · ·			
extensions of any patent based in whole or					
the entire right to (1) file such applications					
Convention or any other treaty or understa	anding, (3) have said patents g	ranted in its nan	ne or mine, th	e Commissioner of I	Patents
and Trademarks of the United States of Am					
transfer all of said patents to said assignee		•			-
and damages for any and all infringements					
said patents may be granted, as fully and e assignment;	nurely as the same would have	e been neid and	enjoyed by ti	ie undersigned with	Jul IIIIS
II. Agree, whenever assignee asks, without t	further compensation but at as	signee's expense	for actual and	d reasonable costs in	curred.
(A) to communicate to said assignee, it	· · · · · · · · · · · · · · · · · · ·				
Inventions or the rights described above, (
above, the location of that testimony to be	in the country in which I reside	or in the neares	t country in w	hich such testimony	is legal
should my country of residence prohibit suc	** * *			-	-
by said assignee, its successors, assigns ar		•	•		
including petitions, specifications, oaths, a					
requested by said assignee and (D) gener representatives to obtain, maintain, defend					
with assignee;	and emorce patent protection	TOT SUCH INVENT	ons and/or se	care title to sacir file	EIIGOIIS
III. Represent, warrant and covenant that I	have the full right and lawful a	uthority to make	this assignme	ent, that such assigne	ed right
s not pre-dated by any grant, license, or oth	_	-	_	_	
V. Agree that my grants and obligations he					es, and
assigns; and					
V. Agree that an authorized representati					
dentification which may be necessary or d	* *				-
office of any other country for recordation regarding application number and filing date	_	ng the power to	o insert on ti	nis assignment infor	mation
		data indicated by	, my band on	d agree that this War	nldrrida
In Witness Whereof, I have executed this V		•	-	-	luwiuc
Assignment shall be effective as of the earlie	ssi priority date for the aforesaid	a application(8) 10	or meners rate	III.	
	$M \cdot A \cap A$	100	/	/	
MICHAEL JOSEPH O'LEARY	Muhas Il ment	1. ULe.	2/1	1/20/6	
Name of Inventor 3	Signature of Inventor	·	Date	100,0	

PATENT REEL: 039704 FRAME: 0646

RECORDED: 09/12/2016