505582243 07/22/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT5629042

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MICHAEL ADAM CHANDLER	05/09/2019
JOSEPH KEVIN GOGERTY	05/17/2019
MATTHEW DAVID SMALLEY	05/06/2019

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:	16509668

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:	7971-US-NP	
NAME OF SUBMITTER:	LYNDA M. FITZPATRICK	
SIGNATURE:	/lmfitzpatrick/	
DATE SIGNED:	07/22/2019	

Total Attachments: 3

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WORLDWIDE ASSIGNMENT

I the understand BAICHAEL ADABA CHARLE	VONEDVIDE ASSIGNMENT	The second secon
X05N265 the subject matter of which is descri		ventor of an invention entitled MAIZE HYBRID
declaration executed on 5/9/2		They bocket No. <u>7371-03-NF</u>
		filed on
		, filed on,
PCT Application Serial No.	filed on	Clada
which claim(s) its earliest priority to Applica		, filed on
obligation of assignment to assignee, which is		nowledged, and in fulfillment of my pre-existing
		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 referred t		
		s) for Letters Patent ("Patent"), (2) any priority
		ional Convention for the Protection of Industrial
		intellectual property for any and all member
countries of the International Convention or	other treaty or understanding, includi	ng rights in any and all provisional applications,
(3) any and all of my inventions, whether jo	oint or sole, disclosed in such aforesaid	d application(s) for Patent, and/or related to or
arising out of such aforesaid application(s) for	r Patent ("Inventions"), (4) any and al	I 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)
		n 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
		e, to the full end of the term or terms for which
		ld and enjoyed by the undersigned without this
assignment;	thery as the same would have been he	ia and enjoyed by the undersigned without and
- ,	rther compensation but at assignee's e	xpense for actual and reasonable costs incurred,
	-	ntatives, any facts known to me respecting such
Inventions or the rights described above, (B)	to testify in any legal proceeding res	pecting such Inventions or the rights described
		nearest country in which such testimony is legal
		ins, 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
	nd enforce patent protection for such	Inventions and/or secure title to such Inventions
with assignee;	over the full viels and levelul authority to	a marka this assissment that such assistant right
is not pre-dated by any grant, license, or othe		o make this assignment, that such assigned right
		utors, administrators, legal representatives, and
assigns; and	em shan also bina an or my hens, exec	ators, administrators, regar representatives, and
	e of assignee is hereby granted the p	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 date	when known.	
In Witness Whereof, I have executed this Wo	orldwide Assignment on the date indica	ated by my hand and agree that this Worldwide
Assignment shall be effective as of the earlies	t priority date for the aforesaid applica	tion(s) for Letters Patent.
	4.	# / ·
MICHAEL ADAM CHANDLER	Mail A Clock	5/9/2019
Name of Inventor 1	Signature of Inventor	Date

WORLDWIDE ASSIGNMENT

					ion entitled MAIZE HYBKIU XU5NZ65
	ect matter of which is described			A nocket No: 1811	<u>-05-NP</u>)
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	United States Of America	Patent Ap	oplication Serial No		filed on,
	PCT Application Serial No.		filed on		\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\
which	claim(s) its earliest priority to A	pplication Seria	l No.		, filed on
	For valuable consideration, the	e receipt and ad	equacy of which is her	eby acknowledged,	and in fulfillment of my pre-existing
obligatio	n of assignment to assignee, w				
I. Sell, as	sign, and transfer unto PIONES	R HI-BRED INTE	RNATIONAL, INC., a co	orporation organize	d and existing under the laws of the
					00 NW 52 nd Avenue, P.O. Box 1014,
	n, Iowa S0131-1014, herein refe				
(A)	the entire right, title, and inte	rest in and to:	1) the aforesaid applic	cation(s) for Letter	s Patent ("Patent"), (2) any priority
					ntion for the Protection of Industrial
					I property for any and all member
					any and all provisional applications,
					n(s) for Patent, and/or related to or
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					mine, the Commissioner of Patents
					being hereby authorized to issue or
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assignm			,, 	2	~
		out further can	pensation but at assig	nee's expense for a	actual and reasonable costs incurred,
					y facts known to me respecting such
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					and/or secure title to such inventions
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Assignn	sent shall be effective as of the	earliest priority	date for the aforesaid a	pplication(s) for Le	tters Patent.
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	JOSEPH KEVIN GOGERTY		Scatol K Graj ignutura of Inventor	Isla .	<u>5-17-19</u>
	Name of Inventor 2	S	ignature of Inventor) [J	Date
			•	YMAT	

	WORLDWIDE ASSIGNMENT	
		ventor of an invention entitled MAIZE HYBRID
	described in the application for patent (Attor	ney Docket No: <u>/9/1-US-NP</u>)
declaration executed on	5/06/19	Cit and a second
United States Of America	Patent Application Serial No.	, filed on,
PCT Application Serial No.	filed on	Clarify and a second se
which claim(s) its earliest priority to Ap		, filed on nowledged, and in fulfillment of my pre-existing
obligation of assignment to assignee, wh		nowledged, and in rulliliment of my pre-existing
-		on organized and existing under the laws of the
		iness at 7100 NW 62 nd Avenue, P.O. Box 1014,
	red to as the assignee, and to assignee's succ	
(A) the entire right, title, and interes	est in and to: (1) the aforesaid application(s) for Letters Patent ("Patent"), (2) any priority
		onal Convention for the Protection of Industrial
		intellectual property for any and all member
		ng rights in any and all provisional applications,
		application(s) for Patent, and/or related to or
		applications for Patent for any such Inventions
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		applications under the aforesaid International
		its name or mine, the Commissioner of Patents
		atent office being hereby authorized to issue or
		said patents and to sue for and recover profits
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	d entirely as the same would have been hel	ld and enjoyed by the undersigned without this
assignment;	t from the superior an entire boot at a color a c'a a	mance for actual and reasonable pasts incurred
		spense for actual and reasonable costs incurred, tatives, any facts known to me respecting such
		pecting such Inventions or the rights described
		nearest country in which such testimony is legal
		ns, papers or instruments necessary or required
		ffect any of the provisions of this instrument,
		fidavits in form and substance which may be
•		aid assignee, its successors, assigns, and legal
• .	end and enforce patent protection for such l	nventions and/or secure title to such Inventions
with assignee;		
	at I nave the full right and lawful authority to other right heretofore given by me to any pa	o make this assignment, that such assigned right
		utors, administrators, legal representatives, and
assigns; and	3 Herein Shan also blind all of the hers, exect	ators, darminstrators, regar representatives, and
	tative of assignee is hereby granted the p	ower to insert in this assignment any further
		U.S. Patent and Trademark Office or the patent
office of any other country for record	ation of this Assignment, including the po	ower to insert on this assignment information
regarding application number and filing	date when known.	
In Witness Whereof, I have executed th	is Worldwide Assignment on the date indica	ated by my hand and agree that this Worldwide
Assignment shall be effective as of the ea	arliest priority date for the aforesaid application	on(s) for Letters Patent.
	1.	1.
		M. 5/1/1/2
MATTHEW DAVID SMALLEY		1Vy 3/00/17
Name of Inventor 3	Signature of Inventor	/ Date

PATENT **REEL: 049815 FRAME: 0875**

RECORDED: 07/22/2019