PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6550142

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
TRAVIS KORRY COLEMAN	04/03/2020
LEONARDUS JOHANNES MARIA HENDRICKX	03/20/2020
STEVEN PAUL KING	03/25/2020

RECEIVING PARTY DATA

Name:	PIONEER HI-BRED INTERNATIONAL, INC.
Street Address:	7100 NW 62ND AVENUE
City:	JOHNSTON
State/Country:	IOWA
Postal Code:	50131-1014

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17067889

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: 515-535-4827

Email: ipsupport@pioneer.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:	8262-US-NP
NAME OF SUBMITTER:	GUY R WATKINS
SIGNATURE:	/Guy R Watkins/
DATE SIGNED:	02/12/2021

Total Attachments: 3

source=8262-US-NP_PH48DK_ExecutedAssignments#page1.tif source=8262-US-NP_PH48DK_ExecutedAssignments#page2.tif source=8262-US-NP_PH48DK_ExecutedAssignments#page3.tif

PATENT 506503367 REEL: 055245 FRAME: 0762

	WORLDWIDE ASSIGNMENT	
I, the undersigned TRAVIS KORRY COLEMA	<u>AN</u> , hereby declare that I am an inventor o	f an invention entitled <u>MAIZE INBRED PH48DK</u>
	the application for patent (Attorney Docket	: No: <u>8262-US-NP</u>)
declaration executed on Mar	ch 24, 2020	
United States Of America	Patent Application Serial No.	filed on ,
PCT Application Serial No.	filed on	
which claim(s) its earliest priority to Appl	ication Serial No.	, filed on .
		owledged, and in fulfillment of my pre-existing
obligation of assignment to assignee, which		
I. Sell, assign, and transfer unto PIONEER H	II-BRED INTERNATIONAL, INC., a corporatio	n organized and existing under the laws of the
		ness at 7100 NW 62 nd Avenue, P.O. Box 1014,
	d to as the assignee, and to assignee's succi	
		for Letters Patent ("Patent"), (2) any priority
rights derived from such aforesaid applicat	tion(s) for Patent by virtue of the Internatio	nal Convention for the Protection of Industrial
		ntellectual property for any and all member
countries of the International Convention	or other treaty or understanding, including	g rights 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-in-
		aforesaid application(s) for Patent and/or such
Inventions, (5) any and all patents for any	such Inventions in any country whatsoever	er, including any and all reexams, reissues and
		for Letters Patent and/or such Inventions; (B)
		applications under the aforesaid International
		s name or mine, the Commissioner of Patents
and Irademarks of the United States of Ar	nerica and any counterpart in any other pa	tent office being hereby authorized to issue or
		said patents and to sue for and recover profits
and damages for any and all infringement	s thereof, whether past, present or future,	to the full end of the term or terms for which
	entirely as the same would have been held	and enjoyed by the undersigned without this
assignment;	Sundhan annual attention to a second	
/A) to communicate to said environment	trurtner compensation but at assignee's exp	pense for actual and reasonable costs incurred,
(A) to communicate to said assignee,	(D) to tortify in any local presenting represent	atives, any facts known to me respecting such
above the location of that testimony to be	in the country in only legal proceeding response	ecting such inventions or the rights described earest country in which such testimony is legal
should my country of residence prohibit su	ich testimony (C) to execute all application	earest country in which such testimony is legal s, papers or instruments necessary or required
by said assigned its successore assigned	and legal representatives to corn, into off	s, papers or instruments necessary or required fect any of the provisions of this instrument,
including netitions specifications paths	assignments disclaimers and lawful affi	davits in form and substance which may be
requested by said assignee and (D) gene	erally to do everything possible to aid sai	id assignee, its successors, assigns, and legal
representatives to obtain, maintain, defen	d and enforce patent protection for such in	ventions and/or secure title to such inventions
with assignee;	a and one patent protection for Sacin in	ventions analytic secure title to such inventions
- '	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 of	ther right heretofore given by me to any par	tv other than the acciones hereto:
IV. Agree that my grants and obligations I	nerein shall also bind all of my heirs, execut	tors, administrators, legal representatives, and
assigns; and	,	and the state of t
V. Agree that an authorized representa	tive of assignee is hereby granted the po	wer 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 recordat	ion of this Assignment, including the pov	ver 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 indicat	ed by my hand and agree that this Worldwide
Assignment shall be effective as of the earl	iest priority date for the aforesaid application	on(s) for Letters Patent.
	••	
TRAVIS KORRY COLEMAN	7/1	April 2, 2020
Name of Inventor 1	Signature of Inventor	April 3, 2020
	SECURIOR OF HISELESS	Date

REEL: 055245 FRAME: 0763

Date

WORLDWIDE ASSIGNMENT

I, the undersigned <u>LEONARDUS JOHANNES MARIA INBRED PH48DK</u> the subject matter of which is described.	•	
declaration executed on March	26 2620	THE (ACCOUNTY DUCKET NO. DEDZ-03-NI)
	Application Serial No.	, filed on
PCT Application Serial No.	filed on	, med on
which claim(s) its earliest priority to Application Se		, filed on .
		knowledged, and in fulfillment of my pre-existing
obligation of assignment to assignee, which is hereb	•	and the second s
I. Sell, assign, and transfer unto PIONEER HI-BRED II		tion 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 the		-
		(s) for Letters Patent ("Patent"), (2) any priority
rights derived from such aforesaid application(s) for		
Property ("International Convention") and any other		
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 Pater		
in any country whatsoever, including all provisional		
part, international and convention applications bas		
Inventions, (5) any and all patents for any such inv		
extensions of any patent based in whole or in part		
the entire right to (1) file such applications in its n		
Convention or any other treaty or understanding, (3) have said patents granted in	n its name or mine, the Commissioner of Patents
and Trademarks of the United States of America an	d any counterpart in any other	patent office being hereby authorized to issue or
transfer all of said patents to said assignee in accor	dance herewith, and (4) enfor	ce said patents and to sue for and recover profits
and damages for any and all infringements thereof	whether past, present or futu	re, to the full end of the term or terms for which
said patents may be granted, as fully and entirely a	s the same would have been h	eld and enjoyed by the undersigned without this
assignment;		announce for a should read to the should be a
II. Agree, whenever assignee asks, without further of		expense for actual and reasonable costs incurred, entatives, any facts known to me respecting such
Inventions or the rights described above, (B) to te	stifu in any legal proceeding re	entatives, any facts known to me respecting such
above, the location of that testimony to be in the co	ountry in which I reside or in th	e nearest country in which such testimony is local
should my country of residence prohibit such testim		
by said assignee, its successors, assigns and legal	representatives, to carry into	effect any of the provisions of this instrument.
including petitions, specifications, oaths, assignment		
requested by said assignee and (D) generally to		
representatives to obtain, maintain, defend and enf		
with assignee;		
III. Represent, warrant and covenant that I have the	e full right and lawful authority	to make this assignment, that such assigned right
is not pre-dated by any grant, license, or other right		
IV. Agree that my grants and obligations herein sh	all also bind all of my heirs, exe	ecutors, administrators, legal representatives, and
assigns; and		
V. Agree that an authorized representative of a	ssignee 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	e U.S. Patent and Trademark Office or the patent
office of any other country for recordation of the regarding application number and filing date when leading to the country for recordation of the regarding application number and filing date when leading to the country for recordation of the regarding application number and filing date when leading to the country for recordation of the regarding application number and filing date when leading to the recordation of the regarding application number and filing date when leading to the regarding application number and filing date when leading to the regarding application number and filing date when leading to the regarding application number and filing date when leading to the regarding application number and filing date when leading to the regarding application number and filing date when leading to the regarding application number and filing date when leading to the regarding application number and filing date when leading to the regarding application number and filing date when leading to the regarding to the r		power to insert on this assignment information
In Witness Whereof, I have executed this Worldwi		iontad by my band and arms that this Marthaille
Assignment shall be effective as of the earliest priori		
Assignment shall be effective as of the earliest prior	ty date for the aforesaid applica	mon(s) for Letters Patent.
LEONARDUS JOHANNES MARIA	DR/	1/
HENDRICKX	De la companya della companya della companya de la companya della	March 20 2020
Name of Inventor 2	Signature of Inventor	March 20, 2020 Date
	<u> </u>	PATENT

REEL: 055245 FRAME: 0764

WORLDWIDE ASSIGNMENT

		THE PROPERTY OF THE PROPERTY O	K tha
, the undersigned STEVEN PAUL KING, hereb	y declare that I am an inventor of	an invention entitled MAIZE INBRED PH48D	<u>ik</u> tne
subject matter of which is described in the appl		No: 8262-US-NP)	
\boxtimes declaration executed on \bigcirc \bigcirc \bigcirc \bigcirc	135/2020		
United States Of America Pa	atent Application Serial No.	, filed on	-1
PCT Application Serial No.	filed on		
which claim(s) its earliest priority to Application	on Serial No.	, filed on	- :
		cknowledged, and in fulfillment of my pre-ex	kisting
obligation of assignment to assignee, which is h	ereby acknowledged, I hereby:	and the state of t	-6.46-
. Sell, assign, and transfer unto PIONEER HI-BR	ED INTERNATIONAL, INC., a corpor	ation organized and existing under the laws	1014
State of Iowa in the United States of America	and having its principal place of b	usiness at 7100 NW 62. Avenue, P.O. Box	1014,
Johnston, Iowa 50131-1014, herein referred to			riority
(A) the entire right, title, and interest in a rights derived from such aforesaid application(:	of for Patent by virtue of the Intern	n(s) for Letters Patent ("Patent"), (2) any p	netrial
rights derived from such aforesald applications: Property ("International Convention") and an	y other treaty or understanding f	or intellectual property for any and all me	ember
countries of the International Convention or o	ther treaty or understanding inclu	ding rights in any and all provisional applica	ations.
(3) any and all of my inventions, whether join			
arising out of such aforesaid application(s) for I			
in any country whatsoever, including all provis			
part, international and convention applications			
Inventions, (5) any and all patents for any suc			
extensions of any patent based in whole or in a			
the entire right to (1) file such applications in			
Convention or any other treaty or understand			
and Trademarks of the United States of Americ			
transfer all of said patents to said assignee in a			
and damages for any and all infringements the			
said patents may be granted, as fully and entir	'ely as the same would have been i	neig and enjoyed by the undersigned withou	at this
assignment; II. Agree, whenever assignee asks, without furt	than componentian but at assignable	ovnense for actual and reasonable costs inc	urrad
		entatives, any facts known to me respecting	
Inventions or the rights described above, (B)			
above, the location of that testimony to be in t			
should my country of residence prohibit such t			
by said assignee, its successors, assigns and I			
including petitions, specifications, oaths, assi			
requested by said assignee and (D) generally	to do everything possible to aid	said assignee, its successors, assigns, and	i legal
representatives to obtain, maintain, defend an	d enforce patent protection for suc	h Inventions and/or secure title to such Inve	ntions
with assignee;			
III. Represent, warrant and covenant that I have	-		d right
is not pre-dated by any grant, license, or other			
IV. Agree that my grants and obligations herei	in shall also bind all of my heirs, ex	ecutors, administrators, legal representative	s, and
assigns; and			
V. Agree that an authorized representative			
identification which may be necessary or desir office of any other country for recordation			
regarding application number and filing date w		power to insert on this assignment inform	nation
_		lianted by my hand and asses that this Ward	14
In Witness Whereof, I have executed this Wor		· · ·	iawiae
Assignment shall be effective as of the earliest p	priority date for the aforesaid applica	, ,	
	n/c	/ /.	
STEVEN DALIL KING	St13	03/85/206	20-
STEVEN PAUL KING		Date	
Name of Inventor 3	Signature of Inventor	Date	

RECORDED: 02/12/2021

PATENT REEL: 055245 FRAME: 0765