505678716 09/18/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5725524

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
DIRK CHARLSON	08/11/2019
KYLE JAMES KOCAK	08/15/2019
LANDON LINN RIES	08/12/2019
MICHAEL THOMAS ROACH	08/04/2019

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:	16568376

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@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

NAME OF SUBMITTER: GUY R. WATKINS SIGNATURE: /GUY R. WATKINS/ DATE SIGNED: 09/18/2019	ATTORNEY DOCKET NUMBER:	8072-US-NP
	NAME OF SUBMITTER:	GUY R. WATKINS
DATE SIGNED: 09/18/2019	SIGNATURE:	/GUY R. WATKINS/
00/10/2010	DATE SIGNED:	09/18/2019

Total Attachments: 4

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	WORLDWIDE ASSIGNMENT	
	7	ention entitled SOYBEAN VARIETY SPDTH43 the
	the application for patent (Attorney Docket N	o: <u>8072-US-NP</u>)
declaration executed on	8-11-19	
United States Of America	Patent Application Serial No.	, filed on,
PCT Application Serial No.	filed on	
which claim(s) its earliest priority to A		, filed on
		nowledged, and in fulfillment of my pre-existing
obligation of assignment to assignee, when the control of the cont		
		on organized and existing under the laws of the
		liness at 7100 NW 62 nd Avenue, P.O. Box 1014,
	erred to as the assignee, and to assignee's suc	
		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,
		application(s) for Patent, and/or related to or
		applications for Patent for any such inventions
The state of the s		ewal, 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 whatsoe	ver, including any and all reexams, reissues and
extensions of any patent based in whole	e or in part upon such aforesaid application(s	s) for Letters Patent and/or such Inventions; (B)
		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
		to the full end of the term or terms for which
	to entirely as the same would have been he	ld and enjoyed by the undersigned without this
assignment;	out further compansation but at accionage à	xpense for actual and reasonable costs incurred,
	and the second of the second o	itatives, 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
by said assignee, its successors, assign	is and legal representatives, to carry into e	ffect any of the provisions of this instrument,
including petitions, specifications, oatl	rs, assignments, disclaimers, and lawful aff	fidavits in form and substance which may be
		aid assignee, its successors, assigns, and legal
	end and enforce patent protection for such I	nventions and/or secure title to such Inventions
with assignee;		
		make this assignment, that such assigned right
	r other right heretofore given by me to any pa	
assigns; and	is never shall also billo all or my nells, execu	utors, administrators, legal representatives, and
	stative of assignee is hereby granted the n	lower to insert in this assignment any further
The state of the s		U.S. Patent and Trademark Office or the patent
		ower to insert on this assignment information
regarding application number and filing	and the second s	
		sted by my hand and agree that this Worldwide
	earliest priority date for the aforesaid applicat	
		• •
	T-01/1/	
DIRK CHARLSON	- I sell	2-11-19
Name of Inventor 1	Signature of Inventor	Date

	WORLDWIDE ASSIGNMENT	
		invention entitled SOYBEAN VARIETY 5PDTH43
the subject matter of which is described in t declaration executed on \$\forall 1\$	ine application for patent (Attorney Dock)	et No: 80/2-US-NP)
		filed on
Professor	Patent Application Serial No.	, filed on,
PCT Application Serial No.	filed on	Plant and
which claim(s) its earliest priority to Appli		, filed on
		nowledged, and in fulfillment of my pre-existing
obligation of assignment to assignee, which		on organized and existing under the laws of the
		iness at 7100 NW 62 nd Avenue, P.O. Box 1014,
Johnston, Iowa 50131-1014, herein referred	,	
	-) 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,
		application(s) for Patent, and/or related to or
arising out of such aforesaid application(s)	for Patent ("Inventions"), (4) any and al	l applications for Patent for any such Inventions
in any country whatsoever, including all pr	ovisional, non-provisional, divisional, rene	ewal, substitute, continuation, continuations-in-
		aforesaid application(s) for Patent and/or such
		ver, including any and all reexams, reissues and
	•	for Letters Patent and/or such Inventions; (B)
		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
- · · · · · · · · · · · · · · · · · · ·	• • • • • • • • • • • • • • • • • • • •	e, to the full end of the term or terms for which
assignment;	enthery as the same would have been he	ld and enjoyed by the undersigned without this
	further compensation but at assignee's e	xpense for actual and reasonable costs incurred,
		itatives, 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,
including petitions, specifications, oaths,	assignments, disclaimers, and lawful af	fidavits in form and substance which may be
requested by said assignee and (D) gene	rally to do everything possible to aid s	aid assignee, its successors, assigns, and legal
representatives to obtain, maintain, defend	l and enforce patent protection for such l	nventions and/or secure title to such inventions
with assignee;		
		o make this assignment, that such assigned right
is not pre-dated by any grant, license, or oti		· ·
· · · · · · · · · · · · · · · · · · ·	erein shall also bind all of my heirs, exec	utors, administrators, legal representatives, and
assigns; and		to the same to this continuous to the cont
		ower to insert in this assignment any further U.S. Patent and Trademark Office or the patent
· · · · · · · · · · · · · · · · · · ·	• •	o.s. Patent and Trademark Office of the patent ower to insert on this assignment information
regarding application number and filing dat	, , ,	wer to insert on this assignment information
_		ated by my hand and agree that this Worldwide
Assignment shall be effective as of the earli-	-	• •
	, /	ento, rot months a month
	1// 1//	7 1
KYLE JAMES KOCAK		8/15/19
Name of Inventor 2	Signature of Inventor	Date
	•	

PATENT REEL: 050418 FRAME: 0244

WORLDWIDE ASSIGNMENT

	TO THE PROPERTY OF THE PARTY OF		
I, the undersigned $\underline{LANDON\ LINN\ RIES}$, hereby d			the
subject matter of which is described in the appli		No: <u>8072-US-NP</u>)	
declaration executed on $5-12$	•		
	tent Application Serial No.	, filed on,	
PCT Application Serial No.	filed on		
which claim(s) its earliest priority to Applicatio		, filed on	
· · · · · · · · · · · · · · · · · · ·		cknowledged, and in fulfillment of my pre-exis	ting
rights derived from such aforesaid 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 Pain any country whatsoever, including all provision part, international and convention applications land to the inventions, (5) any and all patents for any such extensions of any patent based in whole or in pathe entire right to (1) file such applications in it Convention or any other treaty or understanding and Trademarks of the United States of America transfer all of said patents to said assignee in account in the convention of the United States of America transfer all of said patents to said assignee in account in the convention of the United States of America transfer all of said patents to said assignee in account in the convention of the United States of America transfer all of said patents to said assignee in account in the convention of the United States of America transfer all of said patents to said assignee in account in the convention of the United States of America transfer all of said patents to said assignee in account in the convention of the United States of America transfer all of said patents to said assignee in account in the convention of the United States of America transfer all of said patents to said assignee in account in the convention of the convention of the United States of America transfer all of said patents to said assignee in account in the convention of the conv	D INTERNATIONAL, INC., a corporand having its principal place of best the assignee, and to assignee's state to: (1) the aforesaid application for Patent by virtue of the Internother treaty or understanding, inclustor of the corporation of the corporation of the internother treaty or understanding, inclustor sole, disclosed in such aforest atent ("Inventions"), (4) any and anal, non-provisional, divisional, repassed in whole or in part upon surfured in any country whatsom in any country whatsom in any country whatsom is name or in my name, (2) file surfur and any counterpart in any other cordance herewith, and (4) enfor	usiness at 7100 NW 62 nd Avenue, P.O. Box 10 uccessors and assigns, n(s) for Letters Patent ("Patent"), (2) any priorational Convention for the Protection of Industrial Convention (and application), for Patent, and/or related to all applications for Patent for any such Inventional Conventions (and applications for Patent for any such Inventions (and application), substitute, continuation, continuations (and application) and all reexams, reissues and (application) and all reexams, reissues and (application) and all reexams, reissues and (application) and all reexams (application) and all	ority trial aber ons, or or or or or ons and (B) openal ents e or offits
and damages for any and all infringements there			
said patents may be granted, as fully and entire assignment;	ly as the same would have been r	neid and enjoyed by the undersigned without i	tnis
II. Agree, whenever assignee asks, without furth	ccessors, assigns, and legal representation in any legal proceeding received in any legal proceeding received in the stimony, (C) to execute all applications are presentatives, to carry into ments, disclaimers, and lawful at the do everything possible to aid	entatives, any facts known to me respecting subspecting such Inventions or the rights describe nearest country in which such testimony is leions, papers or instruments necessary or requieffect any of the provisions of this instrument affidavits in form and substance which may said assignee, its successors, assigns, and le	uch bed egal ired ent, be
III. Represent, warrant and covenant that I have is not pre-dated by any grant, license, or other right. Agree that my grants and obligations herein assigns; and	ght heretofore given by me to any	party other than the assignee hereto;	_
 Agree that an authorized representative of dentification which may be necessary or desiral office of any other country for recordation of regarding application number and filing date who 	ple to comply with the rules of the this Assignment, including the I	e U.S. Patent and Trademark Office or the pate	ent
In Witness Whereof, I have executed this World	•	· ·	ride
Assignment shall be effective as of the earliest pri	ority date for the aforesaid applica	tion(s) for Letters Patent.	
LANDON LINN RIES	Ym In the	8-12-2019	
Name of Inventor 3	Signature of Inventor	Date	

<u> </u>	NORLDWIDE ASSIGNMENT	
I, the undersigned MICHAEL THOMAS ROACH, he	reby declare that I am an inventor of	an invention entitled SOYBEAN VARIETY
<u>SPDTH43</u> the subject matter of which is described in 図 declaration executed on 8/04/20		ocket No: 8072-US-NP
		6.
	Application Serial No.	, filed on,
PCT Application Serial No.	filed on	
which claim(s) its earliest priority to Application Se		, filed on
For valuable consideration, the receipt and obligation of assignment to assignee, which is hereb		aged, and in fulfillment of my pre-existing
I. Sell, assign, and transfer unto PIONEER HI-BRED IN		anized 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 th		
(A) the entire right, title, and interest in and to 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 base inventions, (5) any and all patents for any such Inventions of any patent based in whole or in part understanding of the United States of America and transfer all of said patents to said assignee in accordand damages for any and all infringements thereof, said patents may be granted, as fully and entirely a assignment; II. Agree, whenever assignee asks, without further conventions or the rights described above, (B) to testing the provisional conventions or the rights described above, (B) to testing the provisional conventions or the rights described above, (B) to testing the provisional conventions or the rights described above, (B) to testing the provisional conventions or the rights described above, (B) to testing the provisional conventions or the rights described above, (B) to testing the provisional conventions or the rights described above, (B) to testing the provisional conventions or the rights described above, (B) to testing the provisional conventions or the rights described above.	Patent by virtue of the International Coner treaty or understanding for intellect treaty or understanding, including right sole, disclosed in such aforesaid applicat ("Inventions"), (4) any and all applicat, non-provisional, divisional, renewal, seed in whole or in part upon such aforest tentions in any country whatsoever, including such aforesaid application(s) for Leame or in my name, (2) file such application and the said patents granted in its named any counterpart in any other patent of dance herewith, and (4) enforce said patents whether past, present or future, to the same would have been held and compensation but at assignee's expense assors, assigns, and legal representatives stify in any legal proceeding respecting	convention for the Protection of Industrial ectual property for any and all member its in any and all provisional applications, cation(s) for Patent, and/or related to or cations for Patent for any such Inventions substitute, continuation, continuations-insaid application(s) for Patent and/or such cluding any and all reexams, reissues and etters Patent and/or such inventions; (B) cations under the aforesaid International ne or mine, the Commissioner of Patents office being hereby authorized to issue or patents and to sue for and recover profits e full end of the term or terms for which enjoyed by the undersigned without this for actual and reasonable costs incurred, s, any facts known to me respecting such g such inventions or the rights described
above, the location of that testimony to be in the coshould my country of residence prohibit such testimely said assignee, its successors, assigns and legal including petitions, specifications, oaths, assignment requested by said assignee and (D) generally to despresentatives to obtain, maintain, defend and enfourth assignee;	ountry in which I reside or in the nearestony, (C) to execute all applications, paperepresentatives, to carry into effect a ents, disclaimers, and lawful affidavits do everything possible to aid said ass	t country in which such testimony is legal pers or instruments necessary or required any of the provisions of this instrument, is in form and substance which may be signee, its successors, assigns, and legal
III. Represent, warrant and covenant that I have the is not pre-dated by any grant, license, or other right IV. Agree that my grants and obligations herein shaassigns; and	heretofore given by me to any party oth	her than the assignee hereto;
V. Agree that an authorized representative of as identification which may be necessary or desirable office of any other country for recordation of the regarding application number and filing date when keep and the second se	to comply with the rules of the U.S. Pa is Assignment, including the power to nown.	tent and Trademark Office or the patent or insert on this assignment information
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.		
MICHAEL THOMAS ROACH	Melot Karl	8/04 /2019 Date
Name of Inventor 4	Signature of Inventor	Data
Haine of the chief 4	Signature of Hischiol	Daic

PATENT REEL: 050418 FRAME: 0246

RECORDED: 09/18/2019