504939613 05/31/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT4986359

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
BRIAN ALLEN CARDEN	04/11/2018
ANDREA BETH KALVIG	04/13/2018
DONALD KYLE	04/06/2018

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:	15979741

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 LYNDA FITZPATRICK **Correspondent Name:** Address Line 1: 7250 NW 62ND AVE Address Line 4: JOHNSTON, IOWA 50131

ATTORNEY DOCKET NUMBER:	7689-US-NP
NAME OF SUBMITTER:	LYNDA M FITZPATRICK
SIGNATURE:	/lmfitzpatrick/
DATE SIGNED:	05/31/2018

Total Attachments: 3

source=20180531_7689USNP_5PLSB92_ExecutedAssignment#page1.tif source=20180531_7689USNP_5PLSB92_ExecutedAssignment#page2.tif source=20180531_7689USNP_5PLSB92_ExecutedAssignment#page3.tif

WORLDWIDE ASSIGNMENT

I, the undersigned <u>BRIAN ALLEN CARDEN</u> , here the subject matter of which is described in the				
declaration executed on	application for patent (Attorn	ey Docket No. 7003-03-NF	_/	
☐ United States Of America P	atent Application Serial No.	.5/979741 filed on	May 15, 2018	
PCT Application Serial No.	filed on	, med on		
which claim(s) its earliest priority to Applicati		, filed	- on	
For valuable consideration, the receip				
obligation of assignment to assignee, which is a			animinent of my pre-existing	
I. Sell, assign, and transfer unto PIONEER HI-BF	- ·	•	disting under the laws of the	
State of Iowa in the United States of America				
Johnston, Iowa 50131-1014, herein referred to			•	
(A) the entire right, title, and interest in a	and to: (1) the aforesaid appli	ication(s) for Letters Patent	("Patent"), (2) any priority	
rights derived from such aforesaid application(
Property ("International Convention") and an				
countries of the International Convention or c	=		• • • •	
(3) any and all of my inventions, whether joi				
arising out of such aforesaid application(s) for				
in any country whatsoever, including all provis				
part, International and convention application: Inventions, (5) any and all patents for any suc				
extensions of any patent based in whole or in				
the entire right to (1) file such applications in its name or in my name, (2) file such applications under the aforesaid international Convention or any other treaty or understanding, (3) have said patents granted in its name or mine, the Commissioner of Patents				
and Trademarks of the United States of American	· · · · · · · · · · · · · · · · ·			
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 the	ereof, whether past, present o	or future, to the full end of	the term or terms for which	
said patents may be granted, as fully and enti	rely as the same would have i	been held and enjoyed by t	he undersigned without this	
assignment;				
II. Agree, whenever assignee asks, without fur				
(A) to communicate to said assignee, its successors, assigns, and legal representatives, any facts known to me respecting such				
Inventions or the rights described above, (B)				
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, 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				
representatives to obtain, maintain, defend and enforce patent protection for such inventions and/or secure title to such inventions				
with assignee;				
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 right heretofore given by me to any party other than the assignee hereto;				
IV. Agree that my grants and obligations herein shall also bind all of my heirs, executors, administrators, legal representatives, and				
assigns; and				
V. Agree that an authorized representative of assignee 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 U.S. Patent and Trademark Office or the patent office of any other country for recordation of this Assignment, including the power to insert on this assignment information				
	=	g the power to insert on t	this assignment information	
regarding application number and filing date w			al annua diserritabet Mitaria de la	
in Witness Whereof, I have executed this Wor Assignment shall be effective as of the earliest				
wasignificate and the effective data in the equilear	priority date for the alonesaid	application(s) for Letters Pa	ileiil.	
BRIAN ALLEN CARDEN	- Frid	Ch 4	-11-18	
Name of Inventor 1	Signature of Inventor	Date	 -	

<u>y</u>	MOKEDWIDE W22IGN	IVIENI			
i, the undersigned <u>ANDREA BETH KALVIG</u> , hereby d the subject matter of which is described in the appli					
declaration executed on	acion for patent (ricto	mey bocket ito. <u>7005</u>	/-03-j\l	,	
	Application Serial No.	15/979741	filadas	May 15, 2018	
<u> </u>			med on .		
	filed on		, filed o		
which claim(s) its earliest priority to Application Se For valuable consideration, the receipt and		araby polypoulodgod			
obligation of assignment to assignee, which is hereb			and in iu	iffilment of my pre-existing	
			d and evi	sting under the laws of the	
	I. Sell, assign, and transfer unto PIONEER HI-BRED INTERNATIONAL, INC., a corporation organized and existing under the laws of the State of lowa in the United States of America and having its principal place of business at 7100 NW 62 nd Avenue, P.O. Box 1014,				
Johnston, Iowa 50131-1014, herein referred to as th				, wonde, 1101 box 102 i	
(A) the entire right, title, and interest in and to			-	"Patent"), (2) any priority	
rights derived from such aforesaid application(s) for					
Property ("International Convention") and any oth	er treaty or understa	nding for intellectual	property	for any and all member	
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 Paten				•	
in any country whatsoever, including all provisional,	•				
part, international and convention applications base	•	•	, ,	• •	
Inventions, (5) any and all patents for any such Inv			- •		
extensions of any patent based in whole or in part u	•	• , ,			
the entire right to (1) file such applications in its na Convention or any other treaty or understanding, (3					
and Trademarks of the United States of America and					
transfer all of said patents to said assignee in accord					
and damages for any and all infringements thereof,		•		•	
said patents may be granted, as fully and entirely as					
assignment;				•	
I. Agree, whenever assignee asks, without further o	ompensation but at as	signee's expense for a	ctual and	reasonable costs incurred,	
(A) to communicate to said assignee, its success	sors, assigns, and lega	l representatives, any	facts kno	wn to me respecting such	
inventions or the rights described above, (B) to tes	tify in any legal proce	eding respecting such	ո Inventio	ns or the rights described	
above, the location of that testimony to be in the co	· ·		-		
should my country of residence prohibit such testim					
by said assignee, its successors, assigns and legal			•	-	
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					
representatives to obtain, maintain, defend and enfo					
with assignee;	ace patent protection	ior such inventions a	nu/or sec	ure title to such inventions	
	full right and lawful a	uthority to make this:	assianmer	nt that such assigned right	
II. 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 right heretofore given by me to any party other than the assignee hereto;					
V. Agree that my grants and obligations herein sha		* * *		•	
assigns; and	,		•	• • • • • • • • • • • • • • • • • • • •	
V. Agree that an authorized representative of as	signee is hereby gran	ted the power to ins	sert in th	is assignment any further	
dentification which may be necessary or desirable t					
office of any other country for recordation of thi		ng the power to inse	ert on thi	s assignment information	
regarding application number and filing date when k	nown.				
In Witness Whereof, I have executed this Worldwid	le Assignment on the	date indicated by my	hand and	agree that this Worldwide	
Assignment shall be effective as of the earliest priorit	y date for the aforesaid	application(s) for Let	ters Paten	t.	
ANDRA PROVINCE	11 01	V.O.	21/10	2/102	
ANDREA BETH KALVIG	andua Both	Laline	7/12	<u>>/18</u>	
Name of Inventor 2	Signature of Inventor)	Date		

	WORLDWIDE ASSIGNMENT	A LOGUETANI VADIETY EDI SROO the
I, the undersigned <u>DONALD KYLE</u> , hereby de	clare that I am an inventor of an inventio	on entitled SOYBEAN VARIETY SPESB92 the
I, the undersigned <u>DONALD KYLE</u> , nereby de subject matter of which is described in the appli	ication for patent (Attorney Docket No: <u>70</u>	589-US-NF/
☐ United States Of America Pa	atent Application Serial No. $15/979741$, med on,
CT Application Serial No.	filed on	, filed on
which claim(s) its earliest priority to Application	on Serial No.	, filed off
surviviols consideration, the receipt	and adequacy of writers is the early	ledged, and in fulfillment of my pre-existing
obligation of assignment to assignee, which is n	letena acknowledged, thereat.	reaplized and existing under the laws of the
obligation of assignment to assignee, which is h I. Sell, assign, and transfer unto PIONEER HI-BR State of Iowa in the United States of America	RED INTERNATIONAL, INC., a corporation of	s at 7100 NW 62 nd Avenue, P.O. Box 1014,
State of Iowa in the United States of America	and making its principal property success	ors and assigns.
Johnston, Iowa 50131-1014, herein referred to	as the assigned, that to assign the strong for	Letters Patent ("Patent"), (2) any priority
(A) the entire right, title, and interest in a rights derived from such aforesaid application	s) for Patent by virtue of the Internationa	Convention for the Protection of Industrial
rights derived from such aforesaid application Property ("International Convention") and ar	ov other treaty or understanding for inte	ellectual property for any and all member
Property ("International Convention") and ar countries of the International Convention or countries.	other treaty or understanding, including r	ights in any and all provisional applications,
countries of the International Convention or (3) any and all of my inventions, whether joint and the convention of the c	int or sole, disclosed in such aforesaid ap	plication(s) for Patent, and/or related to or
(3) any and all of my inventions, whether join arising out of such aforesaid application(s) for	Patent ("Inventions"), (4) any and all ap	plications for Faterit for any sacrimus in-
in any country whatsoever, including all provi	sional, non-provisional, artistera, tach of	presaid application(s) for Patent and/or such
part, international and convention application	is pased in whole of in part appropriate	including any and all reexams, reissues and
Inventions, (5) any and all patents for any su	Ch inventions in any country investigation (s) for	or Letters Patent and/or such Inventions; (B)
extensions of any patent based in whole or in the entire right to (1) file such applications in	its name or in my name, (2) file such ap	plications under the aforesaid International
the entire right to (1) file such applications in Convention or any other treaty or understand	ding. (3) have said patents granted in its i	name or mine, the Commissioner of Patents
Convention or any other treaty or understand and Trademarks of the United States of Amer	ica and any counterpart in any other pate	nt office being hereby authorized to issue of
and Trademarks of the United States of Amer transfer all of said patents to said assignee in	accordance herewith, and (4) enforce sa	id patents and to sue for and recover profits
transfer all of said patents to said assignee in and damages for any and all infringements the	nereof, whether past, present or future, to	the full end of the term of terms for which
said patents may be granted, as fully and ent	tirely as the same would have been held a	and enjoyed by the undersigned without this
assignment;		ance for actual and reasonable costs incurred,
II. Agree, whenever assignee asks, without fu	orther compensation but at assignee 5 expenses	ense for actual and reasonable costs incurred, tives, any facts known to me respecting such cting such inventions or the rights described
(A) to communicate to said assignee, its	Successors, assigns, and reporting rooms	cting such inventions or the rights described
Inventions or the rights described above, (b)	the country in which I reside or in the ne	arest country in which such testimony is legal papers or instruments necessary or required
above, the location of that testimony to be in	testimony. (C) to execute all applications	, papers or instruments necessary or required ect any of the provisions of this instrument,
should my country of residence profiler sade	d legal representatives, to carry into effe	ect any of the provisions of this instrument, avits in form and substance which may be
by said assignee, its successors, assignee and in-luding potitions, specifications, oaths, at	ssignments, disclaimers, and lawful affid	avits in form and substance which may be assignee, its successors, assigns, and legal
requested by said assignee and (D) genera	ally to do everything possible to aid said	i assignee, its successors, assigns, and legal rentions and/or secure title to such inventions
representatives to obtain, maintain, defend	and enforce patent protection for such Inv	ventions and/or secure title to such inventions
with assignee;		make this assignment, that such assigned right
III. Represent, warrant and covenant that I	nave the full right and lawful authority to	make this assignment, that such assigned right ty other than the assignee hereto;
III. Represent, warrant and covenant that I I is not pre-dated by any grant, license, or oth	er right heretorore given by the to any par-	ors, administrators, legal representatives, and
IV. Agree that my grants and obligations ne	grein Stidit also bille all of my warray	
assigns; and	ve of assignee is hereby granted the po	wer to insert in this assignment any further .S. Patent and Trademark Office or the patent
V. Agree that an authorized representati	esirable to comply with the rules of the U	.S. Patent and Trademark Office or the patent ver to insert on this assignment information
office of any other country for recordation	on of this Assignment, including the pov	ver to insert on this assignment information
critical Carlos and an analytical thica	Norldwide Assignment on the date indical	ted by my hand and agree that this Worldwide
Assignment shall be effective as of the earlie	est priority date for the aforesaid application	n(s) for Letters Patent.
-	_	
	D Pu Kl	4-6-18
DONALD KYLE	Signature of Liventor	Date
Name of Inventor 3	D.B	

RECORDED: 05/31/2018