PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5009669

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
THOMAS CHARLES CORBIN	04/18/2018
TARA LYNCH SLAMINKO	04/17/2018

RECEIVING PARTY DATA

Name:	PIONEER HI-BRED INTERNATIONAL, INC.
Street Address:	7100 N.W. 62ND AVENUE
Internal Address:	P.O. BOX 1014
City:	JOHNSTON
State/Country:	IOWA
Postal Code:	50131-1014

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15979834

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 N.W. 62ND AVENUE

Address Line 2: P.O. BOX 552

Address Line 4: JOHNSTON, IOWA 50131-0552

ATTORNEY DOCKET NUMBER:	7711-US-NP
NAME OF SUBMITTER:	LYNDA M. FITZPATRICK
SIGNATURE:	/lmfitzpatrick/
DATE SIGNED:	06/15/2018

Total Attachments: 2

source=7711USNP_5PEFM24_ExecutedAssignment#page1.tif source=7711USNP_5PEFM24_ExecutedAssignment#page2.tif

PATENT REEL: 046102 FRAME: 0987 504962922

WORLDWIDE ASSIGNMENT

I, the undersigned THOMAS CHARLES CORBIN, hereby declare that I am an inventor of an invention entitled SOYBEAN VARIETY
<u>5PEFM24</u> the subject matter of which is described in the application for patent (Attorney Docket No: <u>7711-US-NP</u>)
declaration executed on
United States Of America Patent Application Serial No. <u>15/979834</u> , filed on <u>MAY 15, 2018</u> ,
PCT Application Serial No. filed on
which claim(s) its earliest priority to Application Serial No.
For valuable consideration, the receipt and adequacy of which is hereby acknowledged, and in fulfillment of my pre-existing
obligation of assignment to assignee, which is hereby acknowledged, I hereby:
1. 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 the assignee, and to assignee's successors and assigns,
(A) the entire right, title, and interest in and to: (1) the aforesaid application(s) for Letters Patent ("Patent"), (2) any priority
rights derived from such aforesaid application(s) for Patent by virtue of the International Convention for the Protection of Industrial
Property ("International Convention") and any other treaty or understanding for intellectual property for any and all member
countries of the International Convention or other treaty or understanding, 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, divisional, renewal, substitute, continuation, continuations-in-
part, international and convention applications based in whole or in part 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 application(s) for Letters Patent and/or such inventions; (B)
the entire right to (1) file such applications in its name or in my name, (2) file such applications under the aforesald 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 America and any counterpart in any 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 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 been held and enjoyed by the undersigned without this
assignment;
1). Agree, whenever assignee asks, without further compensation but at assignee's expense for actual and reasonable costs incurred,
(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) to testify in any legal proceeding respecting such Inventions or the rights described
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
regarding application number and filling date when known.
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.
THOMAS CHARLES CORBIN HAVE MARILE MAN 4-18-18
Name of Inventor 1 Signature of Inventor Date

PATENT REEL: 046102 FRAME: 0988

WORLDWIDE ASSIGNMENT

I, the undersigned <u>TARA LYNCH SLAMINKO</u> , here <u>5PEFM24</u> the subject matter of which is described in					<u>Y</u>
declaration executed on	i the application for pa	tent (Attorney Dockt	el No: <u>771.</u>	1-03-NP	
	t Application Serial No.	15/979834	filed on	MAY 15, 2018,	
PCT Application Serial No.	filed on	10/7/7001	, mea on _	11111 13, 2010	
which claim(s) its earliest priority to Application Se			, filed o	nn .	
For valuable consideration, the receipt and		ereby acknowledge			ıg
obligation of assignment to assignee, which is hereb			- ,		.0
I. Sell, assign, and transfer unto PIONEER HI-BRED II		•	zed and exi	sting under the laws of th	e
State of Iowa in the United States of America and	having its principal pla	ace of business at 7:	100 NW 62	2 nd Avenue, P.O. Box 101	4,
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 oti					
countries of the International Convention or other					
(3) any and all of my inventions, whether joint or arising out of such aforesald 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, (
and Trademarks of the United States of America an	•	•	_	•	
transfer all of said patents to said assignee in accor		•		-	
and damages for any and all infringements thereof,					
said patents may be granted, as fully and entirely a	s the same would have	a been neid and enjo	oyea by the	e undersigned without th	15
assignment; 11. Agree, whenever assignee asks, without further o	romponeation but at ac	cianoo's ovnance for	ectual and	reasonable costs incurred	4
(A) to communicate to said assignee, its success					
Inventions or the rights described above, (B) to te		•	-		
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	representatives, to ca	rry Into effect any	of the pro-	visions of this instrumen	t,
Including petitions, specifications, oaths, assignme					
requested by said assignee and (D) generally to					
representatives to obtain, maintain, defend and enf	orce patent protection	for such Inventions	and/or sec	cure title to such Invention	15
with assignee;					
III. Represent, warrant and covenant that I have the				-	١t
is not pre-dated by any grant, license, or other right IV. Agree that my grants and obligations herein sha				-	
assigns; and	וון אווים מווים מווים מוויץ ווי	ens, executors, aum	musu ators,	iegai representatives, an	u
V. Agree that an authorized representative of a	ssignee is hereby gran	ted the nower to i	insert in th	is assignment any furthe	٦r
identification which may be necessary or desirable					
office of any other country for recordation of th				•	
regarding application number and filing date when k	_	•		•	
In Witness Whereof, I have executed this Worldwig	de Assignment on the	date indicated by my	y hand and	agree that this Worldwid	le
Assignment shall be effective as of the earliest priori	ty date for the aforesaid	l application(s) for L	etters Pater	nt.	
·		-			
	2 (1 1) 91	0		_	
TARA LYNCH SLAMINKO	hodul de	el_	17 ab	<u>и до18 </u>	
Name of Inventor 2	Signature of Inventor		Date		

PATENT REEL: 046102 FRAME: 0989

RECORDED: 06/15/2018