504309703 04/06/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4356384

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date	
MARTINA SUSANNE KLEIN	02/02/2017	
BERNHARD RIETMANN	01/24/2017	

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:	15447173			

CORRESPONDENCE DATA

Fax Number: (515)535-3924

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

ATTORNEY DOCKET NUMBER:	7225-US-NP
NAME OF SUBMITTER:	LYNDA M. FITZPATRICK
SIGNATURE:	/lmfitzpatrick/
DATE SIGNED:	04/06/2017

Total Attachments: 2

source=7225USNP_PH2T3H_SignedAssignment#page1.tif source=7225USNP_PH2T3H_SignedAssignment#page2.tif

PATENT 504309703 REEL: 041885 FRAME: 0677

WORLDWIDE ASSIGNMENT

I, the undersigned MARTINA SUSANNE KLEIN, here the subject matter of which is described in the appl	by declare that I am a cation for patent (Atto	n inventor of an i	invention entit 7225-US-NP	led <u>MAIZE INBRED PH2T3H</u> }
declaration executed on				•
At the third of the contract o	Application Serial No	15/447173	. filed on	March 2 2017
ACCES.	filed on		and the second second	TVIAICIT Z, ZOZ
	rial No		filed o	ers
which claim(s) its earliest priority to Application 5 For valuable consideration, the receipt and	adequacy of which is	berehv acknowle	deed and in fu	Iffilment of my presexisting
obligation of assignment to assignee, which is herel	y acknowledged. I her	ebv:	Astrony decrees a se	conditionis at 164 bein chamines
I. Sell, assign, and transfer unto PIONEER HI-BRED I			anized and exi	sting under the laws of the
State of Iowa in the United States of America and				
Johnston, Iowa 50131-1014, herein referred to as ti				*
(A) the entire right, title, and interest in and I	o. (1) the aforesaid a	oplication(s) for L	etters Patent ("Patent"), (2) any priority
rights derived from such aforesaid application(s) fo	Patent by wrtue of the	ie International C	onvention for	the Protection of Industrial
Property ("international Convention") and any ot	her treaty or underst	anding for intelli	ectual propert	y 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 Pate				The state of the s
in any country whatsoever, including all provisiona				
part, international and convention applications bas				
Inventions. (5) any and all patents for any such the				
extensions of any patent based in whole or in part the entire right to (1) file such applications in its r				
Convention or any other treaty or understanding,				
and Trademarks of the United States of America ar				
transfer all of said patents to said assigned in acco				the state of the s
and damages for any and all infringements thereof				
said patents may be granted, as fully and entirely				
assignment;			et, a	~
II. Agree, whenever assignee asks, without further	compensation but at a	ssignee's expense	for actual and	reasonable costs incurred,
(A) to communicate to said assignee, its succe	ssors, assigns, and leg	al representative	s, any facts kn	own to me respecting such
Inventions or the rights described above, (B) to tr				
above, the location of that testimony to be in the c				
should my country of residence prohibit such testir				
by said assignee, its successors, assigns and legal				
including petitions, specifications, oaths, assignment				
requested by said assigned and (D) generally to				
representatives to obtain, maintain, defend and en	orce barear brorectio	a for such bivent	ons anayor sec	mis time to encir maginious
with assignee; III. Represent, warrant and covenant that I have th	a full right and lawful	suthanity ta make	a thic accionma	nt that such accional eacht.
is not pre-dated by any grant, license, or other right				
IV. Agree that my grants and obligations herein sh	The second secon			
assigns; and		f. 5.		
V. Agree that an authorized representative of a	ssignee is hereby gra	nted the power	to insert in th	is assignment any further
identification which may be necessary or desirable	to comply with the re	iles of the U.S. Pa	itent and Trad	emark Office or the patent
office of any other country for recordation of the	iis Assignment, includ	ing the power t	o insert on th	is assignment information
regarding application number and filing date when	enown.			
In Witness Whereof, I have executed this Worldwi	ie Assignment on the	date indicated by	y my hand and	agree that this Worldwide
Assignment shall be effective as of the earliest prior	ity date for the afores	aid application(s)	for Letters Pati	ent,
		area.	my.	man a
MARTINA SUSANNE KLEIN	418-c >		H. C.	FN-701

Signature of Inventor

Name of Inventor 1

PATENT REEL: 041885 FRAME: 0678

Date

	WORLDWIDE ASSIGN			
1, the undersigned <u>BERNHARD RIETMANN</u> , hereby (BRED PH2T3H the
subject matter of which is described in the applicati	on for patent (Attorney	Docket No: <u>7225-U</u>	<u>3-NP</u>)	
declaration executed on	_ .			
United States Of America Patent	t Application Serial No.	<u>15/447173</u>	, filed on March 2,	2017
PCT Application Serial No.	filed on			
which claim(s) its earliest priority to Application Se			, filed on	
For valuable consideration, the receipt and	adequacy of which is h	ereby acknowledged	l, and in fulfillment	of my pre-existing
obligation of assignment to assignee, which is hereb				
1. Sell, assign, and transfer unto PIONEER HI-BRED II	NTERNATIONAL, INC., a	corporation organiz	ed and existing und	er the laws of the
State of lowa in the United States of America and				e, P.O. Box 1014,
Johnston, Iowa 50131-1014, herein referred to as th				
(A) the entire right, title, and interest in and t	o: (1) the atoresaid app	olication(s) for Letter	rs Patent ("Patent")	, (2) any priority
rights derived from such aforesaid application(s) for Property ("International Convention") and any otl	ratent by virtue of the	e international Conve	ention for the Protei	ction of industrial
countries of the International Convention or other	treaty of understandin	namg for interlectua	at property for any	and all member
(3) any and all of my inventions, whether joint or	sole disclosed in such	s, molading rights in Laforesaid annlicatio	nls) for Patent and	Vos related to or
arising out of such aforesaid application(s) for Pater				
in any country whatsoever, including all provisional				
part, international and convention applications bas	ed in whole or in part (upon such aforesaid	application(s) for Pa	itent and/or such
Inventions, (5) any and all patents for any such Inv				
extensions of any patent based in whole or in part i	upon such aforesaid ap	plication(s) for Letter	rs Patent and/or suc	th Inventions; (B)
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	e been neid and enjo	yed by the undersig	gned without this
assignment; II. Agree, whenever assignee asks, without further c	amponention but at acc	ionac's aveces for	natual and saccamak	
(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	untry in which I reside	or in the nearest cos	antry in which such	testimony is legal
should my country of residence prohibit such testim	iony, (C) to execute all :	applications, papers	or instruments nece	ssary or required
by said assignee, its successors, assigns and legal	representatives, to car	rry into effect a <mark>n</mark> y o	of the provisions of	this instrument,
including petitions, specifications, oaths, assignment	ents, disclaimers, and	lawful affidavits in	form and substanc	e which may be
requested by said assignee and (D) generally to				
representatives to obtain, maintain, defend and enf	orce patent protection	for such Inventions a	and/or secure title to	o such Inventions
with assignee;				
III. Represent, warrant and covenant that I have the	e full right and lawful at	athority to make this	assignment, that su	ich assigned right
is not pre-dated by any grant, license, or other right IV. Agree that my grants and obligations herein sha	nerecolore given by me	to any party otner t	nan the assignee ne	reto;
assigns; and	an arzo mina an ot lità ta	ens, executors, aomi	riistrators, iegai rep	resentatives, and
V. Agree that an authorized representative of as	signee is herehy grant	ted the nower to in	sert in this assion,	ment any further
identification which may be necessary or desirable	to comply with the rule	es of the U.S. Patent	and Trademark Off	ice or the patent
office of any other country for recordation of th	is Assignment, includir	ng the power to ins	ert on this assignr	nent information
regarding application number and filing date when k	nown.	,		
In Witness Whereof, I have executed this Worldwig	de Assignment on the o	late indicated by my	hand and agree the	t this Worldwide
Assignment shall be effective as of the earliest priori				
	- 0 1	11		
	Ω U		1/2/1-	
BERNHARD RIETMANN	Vs. Vac Mul	am	1168/17	
Name of Inventor 2	Signature of Inventor		Date	

REEL: 041885 FRAME: 0679

PATENT

RECORDED: 04/06/2017