505596112 07/30/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT5642913

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MARTIN A FABRIZIUS	05/08/2019
JOSEPH SZALMA	03/30/2016

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:	16510072

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@CORTEVA.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:	8016-US-NP
NAME OF SUBMITTER:	LYNDA M. FITZPATRICK
SIGNATURE:	/lmfitzpatrick/
DATE SIGNED:	07/30/2019

Total Attachments: 4

source=8016USNP_X95N802_ExecutedAssignment#page1.tif

source=8016USNP_X95N802_ExecutedAssignmentSZALMA#page1.tif

source=8016USNP_X95N802_ExecutedAssignmentSZALMA#page2.tif

 $source = 8016 USNP_X95N802_Executed Assignment SZALMA\#page 3.tif$

WORLDWIDE ASSIGNMENT

	TO RED WIDE ASSIGNMENT		_
		n invention entitled MAIZE HYBRID X95N802 t	the
subject matter of which is described in the ap	101-	NO: 8016-05-NP)	
	' / V / I /	61. 1	
United States Of America	Patent Application Serial No.	, filed on,	
PCT Application Serial No.	filed on		
which claim(s) its earliest priority to Applica		, filed on	•
		knowledged, and in fulfillment of my pre-exist	ıng
State of Iowa in the United States of Americ Johnston, Iowa 50131-1014, herein referred to (A) the entire right, title, and interest in rights derived from such aforesaid application Property ("International Convention") and a countries of the International Convention or (3) any and all of my inventions, whether is arising out of such aforesaid application(s) for any country whatsoever, including all proventions, (5) any and all patents for any sextensions of any patent based in whole or in the entire right to (1) file such applications in Convention or any other treaty or understand and Trademarks of the United States of Ametransfer all of said patents to said assignee in and damages for any and all infringements the	BRED INTERNATIONAL, INC., a corporaria and having its principal place of but to as the assignee, and to assignee's surplication (n(s) for Patent by virtue of the Internation of the Treaty or understanding, included in the Treaty or understanding, (4) any and a visional, non-provisional, divisional, remains based in whole or in part upon such aforesaid application in its name or in my name, (2) file such that the Treaty of the	tion organized and existing under the laws of to siness at 7100 NW 62 nd Avenue, P.O. Box 100 ccessors and assigns, s) for Letters Patent ("Patent"), (2) any prioritional Convention for the Protection of Industrial rintellectual property for any and all membring rights in any and all provisional application diapplication for Patent, and/or related to applications for Patent for any such Inventional applications, substitute, continuation, continuationshe aforesaid application(s) for Patent and/or substitute, continuation, continuationshe aforesaid application(s) for Patent and/or such Inventions; the applications under the aforesaid Internation its name or mine, the Commissioner of Patent patent office being hereby authorized to issue the said patents and to sue for and recover professed and enjoyed by the undersigned without the	14, rity rial ber ns, or ons in- uch and (B) nal nts or fits
(A) to communicate to said assignee, its nventions or the rights described above, (B above, the location of that testimony to be in should my country of residence prohibit such by said assignee, its successors, assigns and ncluding petitions, specifications, oaths, as requested by said assignee and (D) genera	successors, assigns, and legal represe) to testify in any legal proceeding re- the country in which I reside or in the testimony, (C) to execute all application I legal representatives, to carry into signments, disclaimers, and lawful a lly to do everything possible to aid	expense for actual and reasonable costs incurrentatives, any facts known to me respecting suspecting such Inventions or the rights describe nearest country in which such testimony is legons, papers or instruments necessary or requireffect any of the provisions of this instrume ffidavits in form and substance which may said assignee, its successors, assigns, and legons the successors of the such Inventions and/or secure title to such Inventions	ed gal red ent, be gal
 Represent, warrant and covenant that I h s not pre-dated by any grant, license, or othe 	r right heretofore given by me to any p	to make this assignment, that such assigned rigory other than the assignee hereto; cutors, administrators, legal representatives, a	_
 Agree that an authorized representative dentification which may be necessary or des 	sirable to comply with the rules of the of this Assignment, including the p	power to insert in this assignment any furth U.S. Patent and Trademark Office or the pate ower to insert on this assignment informati	ent
		ated by my hand and agree that this Worldwi	de
Assignment shall be effective as of the earlies			
MARTIN A FABRIZIUS	Mark Odlin	5/8/19	
Name of Inventor 1	Signature of Inventor	Date'	

PATENT

REEL: 049901 FRAME: 0832

ASSIGNMENT - WORLDWIDE

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, and in fulfillment of a pre-existing obligation of assignment, each undersigned inventor has sold and assigned, and by these presents hereby sells and assigns, as indicated below, unto

PIONEER HI-BRED INTERNATIONAL, INC. 7100 NW 62nd Avenue P.O. Box 1014 Johnston, Iowa 50131-1014

its successors and assigns, the entire right, title and interest, so far as concerns the United States and the Territories and Possessions thereof and all foreign countries in and to the inventions in all plant breeding and research inventions, including all Maize Hybrid and Maize Inbred inventions, and including all improvements to said inventions ("Inventions")

as set forth in this United States Patent Application

executed conc	urrently herewith
executed on	
Serial No.	filed

including all provisional, non-provisional, divisional, renewal, substitute, continuation, continuation-in-part, international, and Convention applications based in whole or in part upon said Inventions or upon said Applications, and any and all Letters Patent and reissues and extensions of Letters Patent granted for said Inventions or upon said Applications and every priority right that is or may be predicated upon or arise from said Inventions, said Applications, and said Letters Patent; said Assignee being hereby authorized to file patent applications in any or all countries on any or all said Inventions in the name of the undersigned or in the name of said Assignee or otherwise as said Assignee may deem advisable, under the International Convention or otherwise; the Commissioner of Patents and Trademarks of the United States of America being hereby authorized to issue or transfer all said Letters Patent to said Assignee in accordance herewith; said assignment including the right to bring legal proceedings and obtain any relief to which the undersigned would have been entitled if this assignment had not been made, in respect of any infringements of the undersigned's rights in relation to said inventions, Applications and Letters Patent which occur before or after the date of this assignment; this assignment being under covenant, not only that full power to make the same is had by the undersigned, but also that such assigned right is not encumbered by any grant, license, or other right theretofore given, and that the undersigned will do all acts reasonably serving to ensure that the said Inventions, patent applications and Letters Patent shall be held and

ASSIGNMENT

enjoyed by said Assignee as fully and entirely as the same could have been held and enjoyed by the undersigned if this assignment had not been made, and particularly to execute and deliver to said Assignee all lawful documents including petitions, specifications, oaths, assignments, invention disclaimers, and lawful affidavits in form and substance which may be requested by said Assignee, to furnish said Assignee with all facts relating to said Inventions or the history thereof and any and all documents, photographs, models, samples or other physical exhibits which may be of said Inventions, and to testify in any proceedings relating to said Inventions, patent applications, Letters Patent, and to bind our heirs, legal representatives, and assigns, promptly to communicate to said Assignee or its representatives any facts known to us relating to said Inventions, to testify in any interference or legal proceedings involving said Inventions, the location of that testimony to be in the country in which we reside or in the nearest country in which such testimony is legal should our country of residence prohibit such testimony, to execute any additional papers which may be requested to confirm the right of the Assignee, its representatives, successors or assigns to secure patent or similar protection for said Inventions and to vest in the Assignee complete title to said Inventions and Letters Patent, without further compensation, but at the expense of said Assignee, its successors, assigns and other legal representatives.

The undersigned hereby grants an authorized representative of Assignee the power to insert in this Assignment any further identification for any invention 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.

ASSIGNMENT

I, Joseph Szalma, hereby declare that I am a citizen of the United States and residing at 5607 Reef Road, Mentor-On-The-Lake, OH 44060-2537 and that I am executing and signing the assignment to which this is attached as sole heir of the estate of Stephen J. Szalma (Case No. 34-PR-14-20):			
Stephen Joseph Szalma	Signature: By Joseph Szalma in his capacity as sole heir of the estate of Stephen Joseph Szalma	Date: 3/30/スロル	

I, Joseph Szalma, hereby declare that I am a citizen of the United States and residing at 5607 Reef Road, Mentor-On-The-Lake, OH 44060-2537 and that I am executing and signing the assignment to which this is attached as sole heir of the estate of Stephen J. Szalma (Case No. 34-PR-14-20).

That, upon information and belief, I aver those facts that the inventor is required to state.

Date: 3/30/2016

Signature of Sole Heir: fragh S Sylungs

24315892.1

ASSIGNMENT

PATENT REEL: 049901 FRAME: 0835

RECORDED: 07/30/2019