#### 505580117 07/19/2019

## PATENT ASSIGNMENT COVER SHEET

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**SUBMISSION TYPE: NEW ASSIGNMENT NATURE OF CONVEYANCE: ASSIGNMENT** 

#### **CONVEYING PARTY DATA**

Name	Execution Date
YANXIN STAR GAO	06/23/2019
KEN ALAN MAYBERRY	05/29/2019
BRUCE ALLEN NAGEL	05/29/2019

#### **RECEIVING PARTY DATA**

Name:	AGRIGENETICS, INC.
Street Address:	9330 ZIONSVILLE ROAD
City:	INDIANAPOLIS
State/Country:	INDIANA
Postal Code:	46268

#### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	16451131

### 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

ATTORNEY DOCKET NUMBER: 82857-US-NP **NAME OF SUBMITTER:** LYNDA M. FITZPATRICK SIGNATURE: /LYNDA M. FITZPATRICK/ **DATE SIGNED:** 07/19/2019

### **Total Attachments: 3**

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**PATENT REEL: 049800 FRAME: 0555** 505580117

### WORLDWIDE ASSIGNMENT

		VVIUL AJJ			
I, the undersigned YANXIN STAR					IZE INBRED 3AAXI2080 the
subject matter of which is describ	1 <u>06/23/2019</u>	atent (Attoi 3	ney Docket No:	82857-US-NP)	
declaration executed or	vial No	filad on			
PCT Application Serial No.	erial No.	illed oil			
which claim(s) its earliest priority	to Application Serial No.		filed on		
	on, the receipt and adequa				Ifillment of my pre-existing
obligation of assignment to assign				5 m.c. o g. o m. m. m.	miniment of my pre existing
I. Sell, assign, and transfer unto A			-	ing under the laws	of the State of Delaware in
the United States of America and					
referred to as the assignee, and t				•	,
(A) the entire right, title, and	interest in and to: (1) the a	foresaid ap	olication(s) for L	etters Patent ("Pate	ent"), (2) any priority rights
derived from such aforesaid appli-	cation(s) for Patent by virtu	ue of the Int	ernational Conv	ention for the Prote	ction of Industrial Property
("International Convention") and	any other treaty or unders	standing for	intellectual pro	perty for any and a	ll member countries of the
International Convention or othe					
my inventions, whether joint or					
aforesaid application(s) for Pater					
whatsoever, including all prov					
international and convention ap					
Inventions, (5) any and all paten					
extensions of any patent based in					
the entire right to (1) file such a					
Convention or any other treaty or					
Trademarks of the United States o					
all of said patents to said assignee for any and all infringements ther					
be granted, as fully and entirely a	sthe same would have her	or ruture, t	o tile full end of	undergrand without	or which said patents may
II. Agree, whenever assignee asks					
(A) to communicate to said a					
Inventions or the rights described					
the location of that testimony to					
my country of residence prohibit					
assignee, its successors, assigns a					
petitions, specifications, oaths, as	signments, disclaimers, and	d lawful affi	davits in form a	nd substance which	may be requested by said
assignee and (D) generally to do $\epsilon$					
maintain, defend and enforce pat					
III. Represent, warrant and coven					
is not pre-dated by any grant, lice					
IV. Agree that my grants and obl	gations herein shall also b	ind all of m	y heirs, executo	ors, administrators,	legal representatives, and
assigns; and					_
V. Agree that an authorized re					
identification which may be nece	ssary or desirable to comp	bly with the	rules of the U.S	S. Patent and Trade	mark Office or the patent
office of any other country for rec	ordation of this Assignmen	it, including	the power to in:	sert on this assignm	ent information regarding
application number and filing date					
In Witness Whereof, I have execu					
Assignment shall be effective as o	the earliest priority date f	for the afor	esaid application	n(s) for Letters Pate	nt.
	. 10	-1	00	// -	s / ·
YANXIN STAR GAO	MUNXIN S	star	400	06/2	5/2019
Name of Inventor	Signature of Inventor	; •		Date	· /
	_		4.1		

Name of Inventor

**PATENT** REEL: 049800 FRAME: 0556

# **WORLDWIDE ASSIGNMENT**

			ention entitled MAIZE INBRED 3AAXI2080 the
subject matter of which is describe	ed in the application for pate	ent (Attorney Docket No:	82857-US-NP)
declaration executed on	5/29/19		
US Patent Application Ser	rial No	filed on	
PCT Application Serial No		filed on	
which claim(s) its earliest priority	to Application Serial No	, filed on	·
For valuable consideratio	n, the receipt and adequacy	of which is hereby ackno	wledged, and in fulfillment of my pre-existing
obligation of assignment to assign	ee, which is hereby acknowl	ledged, I hereby:	
I. Sell, assign, and transfer unto AG	GRIGENETICS, INC., a corpor	ation organized and existi	ng under the laws of the State of Delaware in
the United States of America and	having its principal place of	f business at 9330 Zionsvi	ille Road, Indianapolis, Indiana 46268, herein
referred to as the assignee, and to			
(A) the entire right, title, and i	nterest in and to: (1) the afo	resaid application(s) for Le	etters Patent ("Patent"), (2) any priority rights
		, ,	ention for the Protection of Industrial Property
• •	* *		perty for any and all member countries of the
			all provisional applications, (3) any and all of
			tent, and/or related to or arising out of such
			atent for any such Inventions in any country
			stitute, continuation, continuations-in-part,
	•		resaid application(s) for Patent and/or such
		• •	, including any and all reexams, reissues and
			or Letters Patent and/or such Inventions; (B)
			pplications under the aforesaid International
			me or mine, the Commissioner of Patents and
			ce being hereby authorized to issue or transfer
·		· ·	nd to sue for and recover profits and damages
			the term or terms for which said patents may
			undersigned without this assignment;
			ense for actual and reasonable costs incurred,
			ives, any facts known to me respecting such
			such Inventions or the rights described above,
			untry in which such testimony is legal should
			or instruments necessary or required by said
			the provisions of this instrument, including
			nd substance which may be requested by said
assignee and (D) generally to do e	verything possible to aid sai	d assignee, its successors,	, assigns, and legal representatives to obtain,
maintain, defend and enforce pate	ent protection for such Inver	ntions and/or secure title t	to such Inventions with assignee;
III. Represent, warrant and covens	ant that I have the full right	and lawful authority to m	ake this assignment, that such assigned right
is not pre-dated by any grant, licer			
			rs, administrators, legal representatives, and
assigns; and		, ,	, , , , , , , , , , , , , , , , , , , ,
	presentative of assignee is	hereby granted the pow	ver to insert in this assignment any further
_			. Patent and Trademark Office or the patent
			sert on this assignment information regarding
application number and filing date	- ·	moraum on a power to me	sert on this assignment information regarding
		ant on the data indicates	thumu hand and agree that this Warldwide
			by my hand and agree that this Worldwide
Assignment shall be effective as of	the earliest priority date for	r the aforesaid application	n(s) for Letters Patent.
	Van al WI		5/19/19
KEN ALAN MAYBERRY	Ken alan Maghe	ruy .	5129/19
Name of Inventor	Signature of Inventor		Date

PATENT REEL: 049800 FRAME: 0557

I, the undersigned BRUCE ALLEN NAGEL, hereby declare that I am an inventor of an invention entitled MAIZE INBRED 3AAXI2080 to subject matter of which is described in the application for patent (Attorney Docket No: 82857-US-NP)    declaration executed on 5/29/20/9   US Patent Application Serial No
subject matter of which is described in the application for patent (Attorney Docket No: 82857-US-NP)  declaration executed on 5/29/20/9  US Patent Application Serial No
declaration executed on
US Patent Application Serial No
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:
I. Sell, assign, and transfer unto AGRIGENETICS, INC., a corporation organized and existing under the laws of the State of Delaware
the United States of America and having its principal place of business at 9330 Zionsville Road, Indianapolis, Indiana 46268, here
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 right derived from such aforesaid application(s) for Betat by virtue of the letters and Comments of the Board of the B
derived from such aforesaid application(s) for Patent by virtue of the International Convention for the Protection of Industrial Proper
("International Convention") and any other treaty or understanding for intellectual property for any and all member countries of the treaty or understanding including rights in any and all providing the distributions of the treaty or understanding including rights in any and all providing the distributions of the treaty or understanding including rights in any and all providing the distributions of the treaty or understanding including rights in any and all member countries of the treaty or understanding including rights in any and all member countries of the treaty or understanding including rights in any and all members are understanding to the treaty or understanding including rights in the treaty or understanding the
International Convention or other treaty or understanding, including rights in any and all provisional applications, (3) any and all
my inventions, whether joint or sole, disclosed in such aforesaid application(s) for Patent, and/or related to or arising out of su
aforesaid application(s) for Patent ("Inventions"), (4) any and all applications for Patent for any such Inventions in any count whatsoever, including all provisional, non-provisional, divisional, renewal, substitute, continuation, continuations-in-pa
international and convention applications based in whole or in part upon such aforesaid application(s) for Patent and/or such aforesaid application in the convention application based in whole or in part upon such aforesaid application (s) for Patent and/or such aforesaid (s) for Patent and/or such and/or such aforesaid (s) for Patent and/or such aforesaid (s) for Patent and/or such aforesaid (s)
Inventions, (5) any and all patents for any such Inventions in any country whatsoever, including any and all reexams, reissues are
extensions of any patent based in whole or in part upon such aforesaid application(s) for Letters Patent and/or such Inventions;
the entire right to (1) file such applications in its name or in my name, (2) file such applications under the aforesaid Internation
Convention or any other treaty or understanding, (3) have said patents granted in its name or mine, the Commissioner of Patents are
Trademarks of the United States of America and any counterpart in any other patent office being hereby authorized to issue or transf
all of said patents to said assignee in accordance herewith, and (4) enforce said patents and to sue for and recover profits and damag
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;
II. Agree, whenever assignee asks, without further compensation but at assignee's expense for actual and reasonable costs incurre
(A) to communicate to said assignee, its successors, assigns, and legal representatives, any facts known to me respecting su
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 be a such testimony to be in the country in which I reside or in the nearest country in which such testimony is legal should be a such testimony to be in the country in which I reside or in the nearest country in which such testimony is legal should be a such testimony to be in the country in which I reside or in the nearest country in which such testimony is legal should be a such testimony to be in the country in which I reside or in the nearest country in which such testimony is legal should be a such testimony to be a such testimony in the nearest country in which such testimony is legal should be a such testimony to be a such testimony testimony to be a such testimony test
my country of residence prohibit such testimony, (C) to execute all applications, papers or instruments necessary or required by sa
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 sa
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 rig
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, ar
assigns; and
V. Agree that an authorized representative of assignee is hereby granted the power to insert in this assignment any furth
identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office or the pate
office of any other country for recordation of this Assignment, including the power to insert on this assignment information regarding
application number and filing 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.
BRUCE ALLEN NAGEL 5/29/2019
Name of Inventor Signature of Inventor Date

**PATENT REEL: 049800 FRAME: 0558** 

**RECORDED: 07/19/2019**