506342551 11/06/2020

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
APPLIED INVENTION LLC	03/20/2015

RECEIVING PARTY DATA

Name:	PIONEER HI-BRED INTERNATIONAL, INC.	
Street Address:	7100 NW 62ND AVENUE	
City:	JOHNSTON	
State/Country:	IOWA	
Postal Code:	50131-1014	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17037812

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	RTS21215A-US-CNT[2]
NAME OF SUBMITTER:	STEVEN CALLISTEIN
SIGNATURE:	/Steven Callistein/
DATE SIGNED:	11/06/2020

Total Attachments: 1

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PATENT 506342551 REEL: 054301 FRAME: 0498

ASSIGNMENT

Applied Invention, LLC hereby declares that it is the assignee of the entire right of its employee-inventors' right, title, and interest in the Application for Letters Patent entitled "Environmental Management Zone Modeling And Analysis" filed on February 25, 2015 as U.S. Application No. 14/630,991, and in accordance with its contractual obligations with Pioneer Hi-Bred International, Inc., hereby:

- I. Assigns and transfers unto Pioneer Hi-Bred International, Inc., a corporation organized and existing under the laws of the State of Iowa and having a principal place of business in Johnston, Iowa: (1) the entire interest in and to the aforesaid Application for Letters Patent including any priority rights derived from the aforesaid Application for Letters Patent by virtue of the U.S. patent law or the International Convention for the Protection of Industrial Property for any and all member countries of the aforesaid International Convention or other treaty or understanding; (2) the entire interest in and to any and all inventions disclosed in the aforesaid Application for Letters Patent; (3) any and all patent applications corresponding to the aforesaid Application for Letters Patent; and (4) the sole right: (i) to file any additional applications; (ii) file such applications under the aforesaid International Convention or other treaty or understanding; (iii) have said patents granted in its name or ours; and (iv) enforce said patents and to sue for and recover profits and damages for any and all infringements thereof whether past or future; and
- II. Agrees, whenever reasonably requested, to communicate to said assignees, their successors, assigns, and legal representatives, any facts known to us respecting said inventions or the rights described above, to testify in any legal proceeding respecting said inventions or the rights described above, the location of that testimony to be in the country of our principal place of business or in the nearest country in which such testimony is legal should the country of our principal place of business prohibit such testimony, to execute all applications, papers or instruments reasonably requested by said assignees, their successors, assigns and legal representatives, to carry into effect any of the provisions of this instrument, and generally to do everything reasonably possible to aid said assignees, its successors, assigns, and legal representatives to obtain and enforce proper patent protection for said inventions, without further compensation but with all out of pocket legal proceeding or enforcement costs associated with such cooperation requested by Pioneer Hi-Bred International, Inc. or a tribunal associated with such legal proceeding to be paid by Pioneer Hi-Bred International, Inc.

APPLIE	ED INVENTION, LLC	
Ву	MA	
Name	Daniel Abrutyn	
Title	Co-Founder	
Date	2015-03-26	

Atlanta #1798935 v1

PATENT REEL: 054301 FRAME: 0499