PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 EPAS ID: PAT2601242 Stylesheet Version v1.2 SUBMISSION TYPE: NEW ASSIGNMENT NATURE OF CONVEYANCE: ASSIGNMENT CONVEYING PARTY DATA Name **Execution Date** PIONEER HI-BRED INTERNATIONAL, INC 10/30/2013 **RECEIVING PARTY DATA** E. I. DU PONT DE NEMOURS AND COMPANY Name: 1007 MARKET STREET Street Address: City: WILMINGTON State/Country: DELAWARE Postal Code: 19898 **PROPERTY NUMBERS Total: 1** Property Type Number 13624188 Application Number: CORRESPONDENCE DATA Fax Number: (302)355-3982 Phone: 302-999-4143 Email: CAROL.A.REEDER@DUPONT.COM Correspondence will be sent via US Mail when the email attempt is unsuccessful. Correspondent Name: **NEIL FELTHAM** Address Line 1: 974 CENTRE ROAD Address Line 2: CHESTNUT RUN PLAZA 721 СН Address Line 4: WILMINGTON, DELAWARE 19805 ATTORNEY DOCKET NUMBER: CL5759USNP NAME OF SUBMITTER: CAROL REEDER /CAROL REEDER/ Signature: Date: 11/03/2013 Total Attachments: 2 source=20131031_CL5759USNP_AssignmentPHtoEID#page1.tif

<u>A S S I G N M E N T</u>

PIONEER HI-BRED INTERNATIONAL, INC hereby declares that it is the assignee of fifty percent (50%) of the right, title, and interest in the United States Patent Application No. 13/624188 filed on September 21, 2012 and which is identified as Case Number CL5759USNP as listed on page 1 of this document; and for valuable consideration, the receipt and adequacy of which is hereby acknowledged hereby:

1. Assigns and transfers unto E. I. DU PONT DE NEMOURS AND COMPANY a corporation organized and existing under the laws of the State of Delaware and having a principal place of business in Wilmington, Delaware: (1) the entire interest throughout the world in and to the aforesaid Applications for Letters Patent including any priority rights derived from the aforesaid Applications for Letters Patent by virtue of the U.S. patent law, including all divisions, continuations, continuations-in-part, substitute applications, renewals, reissues, re-examinations and all foreign counterparts thereof; 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 Applications for Letters Patent; (3) any and all patent applications corresponding to the aforesaid U.S. Applications 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. Agree, whenever requested, to communicate to said assignees, their successors, assigns, and legal representatives, any facts known to us respecting said rights, to testify in any legal proceeding respecting said rights, to execute all applications, papers or instruments necessary or required 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 possible to aid said assignees, their successors, assigns, and legal representatives to obtain and enforce proper patent protection for said inventions in any and all countries.

PATENT REEL: 031533 FRAME: 0260

PIONEER HI-BRED INTERNATIONAL, INC.,

Ву	Quessia M. Simott
Name	Jessica M. Sinnott
Title	Assistant Chief IP Counsel
Date	October 30, 2013

RECEIVED BY:

RECORDED: 11/03/2013

E. I. DU PONT DE NEMOURS AND COMPANY Kaser sousman Ву ___ BOWMAN ER ₩. Name + istent cretary_Patent 5 Title _ Ø 013 Date ober

PATENT REEL: 031533 FRAME: 0261

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