504883535 04/24/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4930276

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
STEPHEN M. ALLEN	12/09/2010
HOWARD GLENN DAMUDE	12/09/2010
JOHN D. EVERARD	12/09/2010
KNUT MEYER	12/09/2010
BYUNG-CHUN YOO	12/10/2010

RECEIVING PARTY DATA

Name:	E. I. DU PONT DE NEMOURS AND COMPANY	
Street Address:	CHESTNUT RUN PLAZA, 974 CENTRE ROAD	
Internal Address:	P.O. BOX 2915	
City:	WILMINGTON	
State/Country:	DELAWARE	
Postal Code:	19805	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14666813

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: P.O. BOX 552

Address Line 4: JOHNSTON, IOWA 50131-0552

ATTORNEY DOCKET NUMBER:	BB1784-US-DIV	
NAME OF SUBMITTER:	LYNDA M FITZPATRICK	
SIGNATURE:	/Imfitzpatrick/	
DATE SIGNED:	04/24/2018	

PATENT 504883535 REEL: 045624 FRAME: 0720

Total Attachments: 6 source=BB1784USNP_SignedAssignmentDIV#page1.tif source=BB1784USNP_SignedAssignmentDIV#page2.tif source=BB1784USNP_SignedAssignmentDIV#page3.tif source=BB1784USNP_SignedAssignmentDIV#page4.tif

source=BB1784USNP_SignedAssignmentDIV#page5.tif source=BB1784USNP_SignedAssignmentDIV#page6.tif

PATENT REEL: 045624 FRAME: 0721

ASSIGNMENT

THIS ASSIGNMENT, made by us, Stephen M. Allen, citizen of the United States of America, residing at 2225 Rosewood Drive, Wilmington, DE, 19810; Howard Glenn Damude, citizen of the United States of America, residing at 4 Kenwick Road, Hockessin, DE, 19707; John D. Everard, citizen of the United Kingdom, residing at 1413 Athens Road, Wilmington, DE, 19803; Knut Meyer, citizen of Germany, residing at 214 South Road Lindamere, Wilmington, DE, 19809; and Byung-Chun Yoo, citizen of South Korea, residing at 26 Harris Circle, Newark, DE, 19711;

WITNESSETH: That,

WHEREAS, we are the inventors of certain new and useful improvements in SUCROSE TRANSPORTER GENES FOR INCREASING PLANT SEED LIPIDS for which an international application under the Patent Cooperation Treaty (PCT) has been filed in the Receiving Office of the United States Patent and Trademark Office and for which a U.S. application has been separately filed in the U.S. Patent and Trademark Office. The international application bears Application No. PCT/US2010/054942 and was filed on November 1, 2010. The U.S. application bears Application No. 12/917,024 and was filed on 11/1/10. Both the International Application No. PCT/US2010/054942 and U.S. Application No. 12/917,024 claim priority of U.S. Application No. 61/263,660, filed 11/23/09. The international application and the U.S. applications will hereinafter be referred to as the subject applications.

WHEREAS, E.I. duPont de Nemours and Company, a Delaware corporation having a principal place of business 1007 Market Street, Wilmington, DE 19898 USA, hereinafter referred to as assignee, is desirous of confirming its ownership of the entire right, title and interest in and to said invention as described in the subject applications, and in and to any and all Letters Patent which shall be granted therefor in the United States of America and all foreign countries;

NOW, THEREFORE, To Whom It May Concern, be it known that for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we have sold and by these presents do hereby sell, assign, transfer and convey unto the said assignee, its successors and assigns, the entire right, title and interest in and to the said invention and the subject applications, and in and to any and all continuations, continuations-in-part, or divisions thereof,

and in and to any and all Letters Patent of the United States of America and all foreign countries or reissues or extensions thereof which may be granted therefor or thereon, for the full end of the term for which said Letters Patent may be granted, together with the right to claim the priority of the subject applications in all foreign countries in accordance with the International Convention, the same to be held and enjoyed by said assignee, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by me if this assignment and sale had not be made.

We hereby request that said Letters Patent be issued in accordance with this assignment.

We further covenant and agree that, at the time of the execution and delivery of these presents, we possess full title to the invention and the subject applications above-mentioned, and that we have the unencumbered right and authority to make this assignment.

We further covenant and agree 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 invention, to testify in any interference or legal proceedings involving said invention, 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 the said invention in all countries and to vest in the assignee complete title to the said invention and Letters Patent, without further compensation, but at the expense of said assignee, its successors, assigns and other legal representatives.

This Assignment is deemed to be effective at least as early as 11/23/09.

IN WITNESS WHEREOF, we have hereunto set our hands and seals on this 944 day of pecember, 2010.

Stenhen M. Allen

IN WITNESS WHEREOF, we have hereunto set our hands and seals on this $\frac{9^{t/4}}{10^{t/4}}$ day of $\frac{10^{t/4}}{10^{t/4}}$, 2010.

Howard Glenn Damude

of NECEMITEN, 2010.

Knut Meyer

// 2)

LEGAL02/32309008v1