

## PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT4793728

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
JONATHAN P. LYNCH	01/22/2018
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	THE PENN STATE RESEARCH FOUNDATION
<b>Street Address:</b>	304 OLD MAIN
<b>City:</b>	UNIVERSITY PARK
<b>State/Country:</b>	PENNSYLVANIA
<b>Postal Code:</b>	16802
<b>PROPERTY NUMBERS Total: 2</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	62395434
<b>Application Number:</b>	15704502
<b>CORRESPONDENCE DATA</b>	
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<b>Phone:</b>	248-647-6000
<b>Email:</b>	Tara.Mckeon@Dinsmore.com
<b>Correspondent Name:</b>	DINSMORE AND SHOHL LLP
<b>Address Line 1:</b>	900 WILSHIRE DRIVE, SUITE 300
<b>Address Line 4:</b>	TROY, MICHIGAN 48084
<b>ATTORNEY DOCKET NUMBER:</b>	PSU 2016-4451
<b>NAME OF SUBMITTER:</b>	DOUGLAS L. WATHEN
<b>SIGNATURE:</b>	/Douglas L. Wathen/
<b>DATE SIGNED:</b>	01/25/2018
<b>Total Attachments: 2</b>	
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**ASSIGNMENT**

FOR VALUE RECEIVED, and pursuant to my obligations under my employment agreements/appointments with THE PENNSYLVANIA STATE UNIVERSITY ("University"), I, JONATHAN P. LYNCH, hereby sell, assign and transfer unto the University's designee, **THE PENN STATE RESEARCH FOUNDATION**, as assignee, and its successors, assigns and legal representatives, the entire right, title and interest in and to all subject matter invented by me and disclosed or claimed in an application for Letters Patent of the United States of America, entitled:

**"Targeted Modification of Maize Roots to Enhance Abiotic Stress Tolerance"**

signed by me on the date set forth below; and in and to any and all continuations, continuations-in-part, divisions, reissues, renewals, extensions, substitutions, additions or reexaminations of such application and any U.S. patents issuing thereon; and in and to any and all corresponding international and foreign applications for Letters Patent and any foreign patents issuing thereon; and all Convention and Treaty Rights of any kind, in all countries throughout the world, for all such subject matter; together with all claims for damages by reason of future, present and past infringement, with the right to sue for and collect the same for assignee's use and on behalf of assignee's successors, assigns and legal representative.

I request that any and all patents for said inventions be issued to said assignee, its successors, assigns and legal representatives, or to such nominees as it may designate.

I agree that, when requested, I will, without charge to said assignee but at its expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable or convenient for securing, maintaining and enforcing patents for said inventions in any and all countries and for vesting title thereto in said assignee, its successors, assigns and legal representatives or nominees.

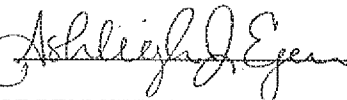
I authorize and empower the said assignee, its successors, assigns and legal representatives or nominees, to invoke and claim for any application for patent or other form of protection for said inventions filed by it or them, the benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it, and to invoke and claim such right of priority without further written or oral authorization from me.

I hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any assignment, consent to file or like document which may be required in any country for any purpose and more particularly in proof of the right of said assignee or nominee to claim the aforesaid benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it.

I covenant with said assignee, its successors, assigns and legal representatives, that the rights and property herein conveyed are free and clear of any encumbrance, and that I have full right to convey the same as herein expressed.

Signed at University Park, Pennsylvania, this 22<sup>nd</sup> day of January, 2018.

Witness:



Signed:



JONATHAN P. LYNCH

STATE OF PENNSYLVANIA

: ss:

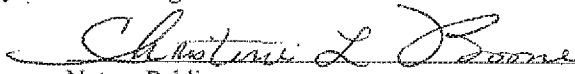
COUNTY OF CENTRE

On this 22 day of January, 2018, before me, a Notary Public in and for the county and State aforesaid, appeared JONATHAN P. LYNCH, to me personally known to be the person whose name is subscribed to the foregoing instrument, and acknowledged that he executed said instrument as his free and voluntary act for the uses and purposes therein expressed.

Witness my hand and seal the day and year last above given.

COMMONWEALTH OF PENNSYLVANIA  
NOTARIAL SEAL

Christine L. Boone, Notary Public  
Benner Twp., Centre County  
My Commission Expires Aug. 18, 2019

  
Notary Public

[Page 1 of 2 – Signatures Continued on Page 2]

**PATENT****REEL: 044730 FRAME: 0216**

The Assignee hereby acknowledges and accepts the foregoing assignment.

Assignee: THE PENN STATE RESEARCH FOUNDATION

Signature: Bradley A. Swope

Date: Jan 25, 2018

Name: Bradley A. Swope

Title: Interim Director, Office of Technology Management