

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
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EPAS ID: PAT7331529

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	JOSE M. BRUNO-BARCENA	03/27/2018
	SUZANNE DAGHER	03/08/2018
	MARIA AZCARATE-PERIL	11/10/2017
RECEIVING PARTY DATA		
Name:	NORTH CAROLINA STATE UNIVERSITY	
Street Address:	1021 MAIN CAMPUS DRIVE	
Internal Address:	2ND FLOOR	
City:	RALEIGH	
State/Country:	NORTH CAROLINA	
Postal Code:	27606	
PROPERTY NUMBERS Total: 1		
Property Type	Number	
Application Number:	17126923	
CORRESPONDENCE DATA		
Fax Number:	(608)662-1276	
<i>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.</i>		
Phone:	6086621277	
Email:	jkboyd@casimirjones.com	
Correspondent Name:	PETER J. SCHLUETER	
Address Line 1:	2275 DEMING WAY SUITE 310	
Address Line 4:	MIDDLETON, WISCONSIN 53562	
ATTORNEY DOCKET NUMBER:	NCSU-38966.594	
NAME OF SUBMITTER:	PETER J. SCHLUETER	
SIGNATURE:	/Peter J. Schlueter/	
DATE SIGNED:	05/16/2022	
Total Attachments: 5		
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ASSIGNMENT

WHEREAS, We, **Jose M. Bruno-Barcena** of Raleigh, North Carolina; **Suzanne Dagher** of Dearborn, Michigan; **Maria Andrea Azcarate-Peril** of Raleigh, North Carolina (hereinafter "Assignor"), have invented certain new and useful improvements in **BETA-HEXOSYL-TRANSFERASES AND USES THEREOF**, for which U.S. Application No. 15/702,438 was filed on September 12, 2017, which is a Continuation Application of U.S. Serial No. 14/649,819, filed June 4, 2015, which is a §371 U.S. National Stage of International Application PCT/US2013/073870, filed December 9, 2013, which claims the benefit of US Provisional Application No. 61/734,742 filed December 7, 2012, which are hereby incorporated by reference in their entireties.

AND, WHEREAS, **North Carolina State University**, a non-profit public educational institution under the laws of the State of North Carolina, with an office located at 1021 Main Campus Drive, 2nd Floor, Raleigh, North Carolina 27606, United States of America, (hereinafter "Assignee"), is desirous of acquiring an interest therein.

NOW, THEREFORE, To Whom It May Concern, be it known that for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Assignor has assigned and by these presents does hereby sell, assign, transfer, and convey unto the Assignee, its successors and assigns, his entire right, title, and interest in and to the invention and application, including the right to sue for past infringements and any other prior occurring rights, provided any such rights exist, and in and to any and all domestic and foreign patent applications filed on the invention, 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 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 his right to claim the priority of said application 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 Assignor if this assignment and sale had not been made. Assignor further assigns to Assignee the right to claim entitlement and/or priority to any applications that entitlement or priority may be claimed for this or any later filed application. The assignment of

the right to claim entitlement and/or priority is executed *nunc pro tunc* and is considered effective as of the filing date of the earliest application to which priority and/or entitlement is claimed.

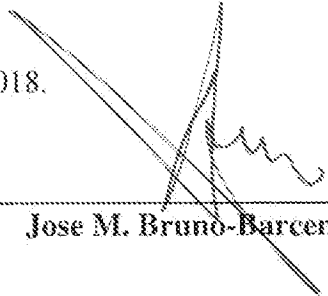
Assignor hereby requests that said Letters Patent be issued in accordance with this assignment.

Assignor further covenants and agrees that, at the time of the execution and delivery of these presents, Assignor possesses full title to the invention and application above-mentioned, and that he has the unencumbered right and authority to make this assignment.

Assignor further covenants and agrees, and likewise binds his heirs, legal representatives and assigns, to promptly communicate to said Assignee or its representatives any facts known to him 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 and 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.

<< Signature Page Follows >>

Executed this 27 day of MARCH, 2018.



Jose M. Bruno-Barcena

State of

North Carolina

County of

Wake

On March 27, 2018, before me, Jodi J. Falk,
(date) (notary)

personally appeared, Jose M. Bruno-Barcena, personally known to me or
proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are
subscribed to the within instrument and acknowledged to me that he/she/they executed the same
in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the
person(s) or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal






(notary signature)

My Commission Expires: July 29, 2019

Docket No. 127-81-CON

Executed this 8 day of March, 2018.


Suzanne Dagher

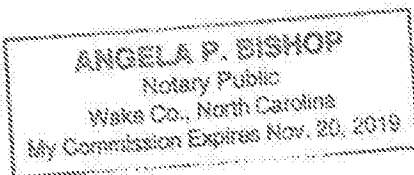
State of NC

County of WAKE

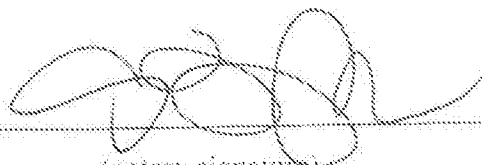
On 3-8-18, before me, Angela P. Bishop,
(date) (notary)

personally appeared, Suzanne Dagher, personally known to me or
proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are
subscribed to the within instrument and acknowledged to me that he/she/they executed the same
in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the
person(s) or the entity upon behalf of which the person(s) acted, executed the instrument.

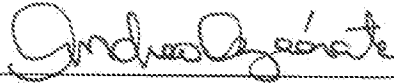
WITNESS my hand and official seal



(seal)


(notary signature)

Executed this 30 day of November, 2017.



Maria Andrea Azcarate-Peril

State of NORTH CAROLINA

County of WAKE

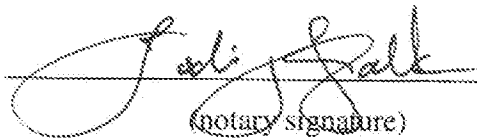
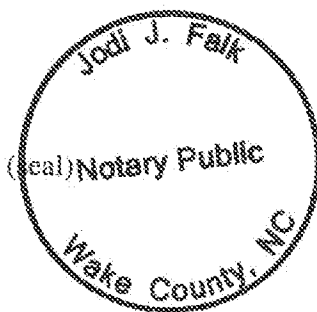
On November 10, 2017, before me, Jodi J. Falk,

(date)

(notary)

personally appeared, **Maria Andrea Azcarate-Peril**, personally known to me or proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s) or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal



(notary signature)