## PATENT ASSIGNMENT

## Electronic Version v1.1

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SUBMISSION TYPE:		NEW ASSIGNMENT			
NATURE OF CONVEYANCE:		ASSIGNMENT			
CONVEYING PARTY DATA					
Name Execution Date					
LAI-XI WANG 03/05/2013					
RECEIVING PARTY D	ΑΤΑ				
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PROPERTY NUMBERS Total: 1					
Property Type		Number			
Application Number: 13759		13759	221		
Fax Number:9192868199Correspondence will be sent via US Mail when the fax attempt is unsuccessful.Phone:919-286-8000Email:joannajoslyn@mvalaw.comCorrespondent Name:MOORE & VAN ALLEN PLLCAddress Line 1:P.O. BOX 13706Address Line 4:Research Triangle Pa, NORTH CAROLINA 27709					
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UMB Docket No: LW-2013-072



## ASSIGNMENT

In consideration of UMB's agreement to consider Assignor as a "UMB Inventor" who is entitled to revenue distributions under the University System of Maryland Policy on Intellectual Property, and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Lai-Xi Wang ("Assignor") hereby sells, assigns, and transfers to the University of Maryland, Baltimore, a constituent institution of the University System of Maryland (which is a public corporation and an instrumentality of the State of Maryland) ("UMB"), his entire right, title, and interest in and to the invention known as "Transglycosylation Activity of Glycosynthase Mutants of an Endo-B-N-Acetylgucoseaminidase (ENDO-D) From Streptococcus Pneumoniae" (the "Invention"):

check applicable space(s) [X] for the United States of America (as defined in 35 U.S.C. §100)

[X] and throughout the world,

for which application(s) for patent was/were made in the United States of America on February 15, 2013 (also known as U.S. Continuation-in-Part patent application serial number 13/759,221), and in any and all non-provisional and/or international or foreign patent applications thereon, continuing patent applications thereon (including without limitation substitutions, divisionals, continuations, and continuations-in-part), patents or Letters Patent issued therefrom, and reissues, extensions, renewals, and reexaminations of such applications or patents.

Such entire right, title, and interest in the Invention are to be held and enjoyed by UMB to the same extent as they would have been held and enjoyed by Assignor had this Assignment not been made, to the full end of the term or terms for which any such patent(s) issue. Assignor hereby represents and warrants that he has full right to convey his right, title, and interest in the Invention herein assigned, and that he has not executed and will not execute any agreement or other document in conflict therewith.

Assignor agrees to execute and deliver separate Assignments, patent applications, and other documents necessary or expedient in connection with, and to cooperate with and to assist UMB in connection with: further perfecting the assignment of the Invention to UMB; UMB's preparation, filing, prosecution (including without limitation defense in interference proceedings, reexaminations, or litigation), enforcement, and/or maintenance of the patents and patent applications; or for UMB to protect and commercialize its intellectual property right, title, and interests in the Invention (including without limitation copyright and/or trademarks).

IN WITNESS WHEREOF, executed by Assignor on the date opposite his name.

5/9/2013

ASSIGNOR:

3/5/2013

(SEAL)

Lai-Xi Wang

Address: <u>3817 Palmetto Court</u> <u>Ellicott City, MD 21042</u>

STATE OF Maryland CITY/COUNTY OF Bull:more

I HEREBY CERTIFY, that on this 5 day of 4 or 20, before me, Notary Public of the State of 4 or 4, personally appeared Lai-Xi Wang, known to me (or satisfactorily proven) to be the person whose name is subscribed to the within instrument, and acknowledged that, being authorized to do so, he or she executed the same as for the purposes contained therein.

IN WITNESS WHEREOF, I have hereunto set my hand and official seal the day and year last above-mentioned.

[SEAL] My Commission Expires:

Date

auns Notary Public

LW-2013-072 (CIP) Assignment of Patent Rights.doc RECORDED: 04/02/2013

## PATENT REEL: 030130 FRAME: 0856