

## PATENT ASSIGNMENT

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	ASSIGNMENT								
CONVEYING PARTY DATA									
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Zi-Jian Xie</td> <td>07/25/2012</td> </tr> <tr> <td>Yiliang Chen</td> <td>07/25/2012</td> </tr> <tr> <td>Haojie Wang</td> <td>07/25/2012</td> </tr> </tbody> </table>		Name	Execution Date	Zi-Jian Xie	07/25/2012	Yiliang Chen	07/25/2012	Haojie Wang	07/25/2012
Name	Execution Date								
Zi-Jian Xie	07/25/2012								
Yiliang Chen	07/25/2012								
Haojie Wang	07/25/2012								
RECEIVING PARTY DATA									
Name:	The University of Toledo								
Street Address:	2801 W. Bancroft Street								
City:	Toledo								
State/Country:	OHIO								
Postal Code:	43606								
PROPERTY NUMBERS Total: 1									
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13521864</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13521864				
Property Type	Number								
Application Number:	13521864								
CORRESPONDENCE DATA									
Fax Number:	4192559639								
Phone:	4192555900								
Email:	docketing@mstfirm.com								
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>									
Correspondent Name:	MacMillan, Sobanski & Todd, LLC								
Address Line 1:	720 Water Street								
Address Line 2:	One Maritime Plaze, Fifth Floor								
Address Line 4:	Toledo, OHIO 43604								
ATTORNEY DOCKET NUMBER:	1-51488/D2010-26(1)								
NAME OF SUBMITTER:	Catherine B. Martineau								
<p>Total Attachments: 3          source=420_51488_Assignment-allsignedD2010-26-1#page1.tif          source=420_51488_Assignment-allsignedD2010-26-1#page2.tif          source=420_51488_Assignment-allsignedD2010-26-1#page3.tif</p>									

CH \$40.00 13521864

## ASSIGNMENT

1-51488/D2010-26

WHEREAS the undersigned inventor(s),

*Zi-Jian Xie, of 7670 Secretariat Drive, Saline, Michigan 48176;*  
*Yiliang Chen, of 1315 Oak Hill Ct., Toledo, Ohio 43614; and*  
*Haojie Wang, of 1867 Bent Creek Lane, League City, Texas 77573*  
have made certain inventions in a

**MATERIALS AND METHODS RELATED TO SODIUM/POTASSIUM ADENOSINE  
TRIPHOSPHATE AND CHOLESTEROL,**

filed as *United States Serial No. 13/521,864*, filed *July 12, 2012*, which claims priority from *PCT/US2011/021127*, filed *January 13, 2011* and from *United States Serial No. 61/294,665*, filed *January 13, 2010*, and

WHEREAS, *The University of Toledo*, of *2801 W. Bancroft Street, Toledo, Ohio, 43606* organized and operating in the State of Ohio, herein called "ASSIGNEE", is desirous of acquiring our entire right, title, and interest in said invention and in and to all embodiments of the invention, heretofore conceived, made or discovered jointly or severally by the inventors, (all collectively hereinafter termed the "invention"), and application therefor, and in any patent or patents to be obtained therefor;

NOW, THEREFORE, To All Whom It May Concern, be it known that, for and in consideration of the sum of One Dollar (\$1.00), and other good and valuable considerations, the receipt of which is hereby acknowledged, I/ we have sold, assigned, and transferred, and by these presents do hereby sell, assign, transfer and convey unto said Assignee the entire right, title and interest (a) in and to said Inventions, including the right to claim priority to said Inventions; (b) in and to all rights to all United States and corresponding non-United States patent applications and Patent(s), including those filed under the Paris Convention for the Protection of Industrial Property, The Patent Cooperation Treaty or otherwise; (c) in and to any and all applications filed and any and all Patent(s) granted on said Inventions in the United States, in any foreign country, or under any international convention, agreement, protocol, or treaty, including each and every application filed and any and all Patent(s) granted on any application which is a divisional, substitution, continuation, or continuation-in-part of any of said Application(s); and (d) in and to each and every reissue, reexamination, or extensions of any of said Patent(s).

And I/ we further covenant and agree that I/ we will, at the request and expense of the said Assignee, execute such other and further assurances of title as may be necessary or proper to fully convey the interest herein sought to be conveyed; that I/ we will, at the request and expense of the said Assignee, execute such application papers as may be desired by the said Assignee for the filing of any application which is a divisional, substitution, continuation, or continuation-in-part of any of said Application(s), and each and every reissue, reexamination, or extensions of any of said Patent(s) that may be granted upon said application, and will execute such Supplemental Oaths and Preliminary Statements, or other papers as desired by the said Assignee.

And I/ we further assign unto the said Assignee our whole right, title, and interest to the invention disclosed in the application throughout all countries foreign to the United States, and do hereby authorize the said Assignee to apply for patents therefor in its own name in countries where such procedure is proper and to claim the benefit of the International Convention and do agree to execute applications for the said invention in the several countries where it is necessary that the same be executed by the inventors, and to execute assignments of such applications and the patents to be obtained therefor to the said assignee, as well as all other necessary papers.

ASSIGNMENT

1-51488/D2010-26

I / We do hereby authorize and request the Commissioner of Patents or other proper Officer, to issue such Letters Patent, or any of them, to the said Assignee, as the assignee of our entire right, title, and interest in and to the same for the sole use and behalf of the said Assignee, and its successors or assigns.

IN TESTIMONY WHEREOF I have hereunto set my hand and affixed my seal at

\_\_\_\_\_ (city), \_\_\_\_\_ (state), this \_\_\_\_\_ day of \_\_\_\_\_, 201\_\_.

*[Signature]*  
\_\_\_\_\_

STATE OF \_\_\_\_\_ )

:SS

COUNTY OF \_\_\_\_\_ )

This \_\_\_\_\_ day of \_\_\_\_\_, 201\_\_, before me, a Notary Public in and for the County aforesaid, personally appeared \_\_\_\_\_, personally known to me and known to be the person described in and who executed the foregoing assignment and acknowledged the same to be his voluntary act and deed, and that he executed the same for the uses and purposes therein set forth.

\_\_\_\_\_  
Notary Public

IN TESTIMONY WHEREOF I have hereunto set my hand and affixed my seal at

Milwaukee (city), WI (state), this 25 day of July, 2012.

*[Signature]*  
\_\_\_\_\_

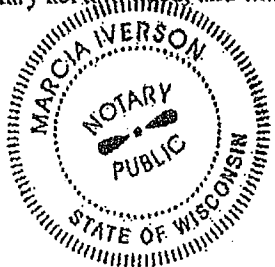
STATE OF Wisconsin )

:SS

COUNTY OF Milwaukee )

This 25<sup>th</sup> day of July, 2012, before me, a Notary Public in and for the County aforesaid, personally appeared Yiliang Chen, personally known to me and known to be the person described in and who executed the foregoing assignment and acknowledged the same to be his voluntary act and deed, and that he executed the same for the uses and purposes therein set forth.

*[Signature]*  
\_\_\_\_\_  
Notary Public  
Comm. Exp. 05-29-2016




ASSIGNMENT

1-51488/D2010-26

I / We do hereby authorize and request the Commissioner of Patents or other proper Officer, to issue such Letters Patent, or any of them, to the said Assignee, as the assignee of our entire right, title, and interest in and to the same for the sole use and behalf of the said Assignee, and its successors or assigns.

IN TESTIMONY WHEREOF I have hereunto set my hand and affixed my seal at

\_\_\_\_\_ (city), \_\_\_\_\_ (state), this \_\_\_\_\_ day of \_\_\_\_\_, 201\_\_.

  
\_\_\_\_\_  
Haojie Wang

STATE OF \_\_\_\_\_ )

:ss

COUNTY OF \_\_\_\_\_ )

This \_\_\_\_\_ day of \_\_\_\_\_, 201\_\_, before me, a Notary Public in and for the County aforesaid, personally appeared \_\_\_\_\_, personally known to me and known to be the person described in and who executed the foregoing assignment and acknowledged the same to be his voluntary act and deed, and that he executed the same for the uses and purposes therein set forth.

\_\_\_\_\_  
Notary Public