

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
MOUMITA BANERJEE	10/04/2017
XIAOYU CUI	10/04/2017
ZIJIAN XIE	10/04/2017
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<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	16640617
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<b>ATTORNEY DOCKET NUMBER:</b>	MA408-0MA51-US
<b>NAME OF SUBMITTER:</b>	SUSAN PYLES
<b>SIGNATURE:</b>	/susan pyles/
<b>DATE SIGNED:</b>	02/20/2020
<b>Total Attachments: 5</b>	
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**PATENT**

**REEL: 051879 FRAME: 0266**

**ASSIGNMENT OF INVENTION AND OF LETTERS PATENT**

WHEREAS, I, Moumita Banerjee of Huntington, WV, have invented certain improvements in METHODS FOR DETECTING Na/K-ATPASE-MEDIATED SRC SIGNALING for which an application for Letters Patent of the United States of America has been filed on September 6, 2017, and assigned Application Serial Number 62/554,669;

WHEREAS, I, Xiaoyu Cui of Huntington, WV, have invented certain improvements in METHODS FOR DETECTING Na/K-ATPASE-MEDIATED SRC SIGNALING for which an application for Letters Patent of the United States of America has been filed on September 6, 2017, and assigned Application Serial Number 62/554,669;

WHEREAS, I, Zijian Xie of Huntington, WV, have invented certain improvements in METHODS FOR DETECTING Na/K-ATPASE-MEDIATED SRC SIGNALING for which an application for Letters Patent of the United States of America has been filed on September 6, 2017, and assigned Application Serial Number 62/554,669; and

WHEREAS, at such time as the undersigned made the invention, they were under an obligation to assign rights to Marshall University Research Corporation, having offices at Marshall University, Technology Transfer Office, One John Marshall Drive, Huntington, WV 25755-8100.

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned have sold, assigned, and transferred, and by these presents do sell, assign, and transfer to Marshall University Research Corporation, its heirs, successors, legal representatives, and assigns (hereinafter designated as the Assignee) the entire right, title, and interest of the undersigned in and to said invention, said application, and in and to any Letters Patent(s) that may be granted therefor in the United States of America, its territories, dependencies, and possessions, and in any and all foreign countries, including rights of priority under the International Convention of Paris (1883) as amended; and to any and all utility

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applications claiming priority thereto and any and all divisions, reissues, continuations, continuation-in-parts, conversions, and extensions thereof for the full term or terms for which the same may be granted in the United States of America or any foreign country.

The undersigned agree that the Assignee may apply for domestic and foreign Letters Patent on the invention, and agree to cooperate with the Assignee, and to execute without additional consideration any additional documents as deemed necessary by the Assignee to apply for or maintain patents or other legal protection for the invention in any country of the world.

The undersigned agree to execute all papers necessary in connection with this application and any divisions, reissues, continuations, continuation-in-parts, conversions, and extensions thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree to execute all papers necessary in connection with any interference which may be declared concerning this application or divisions, reissues, continuations, continuation-in-parts, conversions, and extensions thereof or Letters Patent or reissue patent issued thereon and to cooperate with the Assignee in obtaining and producing evidence and proceeding with such interference.

The undersigned agree to execute all papers and documents and to perform any act which may be necessary in connection with claims or provisions of the International Convention for the Protection of Industrial Property or similar agreements.

The undersigned hereby authorize and request the officials of the U.S. Patent and Trademark Office and in any foreign countries to issue any and all Letters Patent resulting from said application or any divisions, reissues, continuations, continuation-in-parts, conversions, and extensions thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that they have not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

The undersigned also grants the law firm of Stites & Harbison, PLLC the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document, including serial numbers and filing dates above.

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

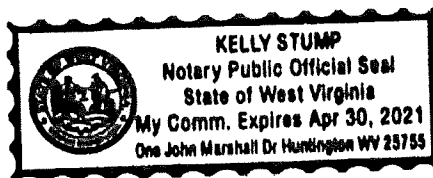
Date 10/04/17 Signature of Inventor Moumita Banerjee  
Moumita Banerjee

STATE OF WV  
COUNTY OF Cabell

SS:

Sworn to before me and subscribed in my presence this 4th of October, 2017.

Kelly Stump  
Notary Public



Date Oct/4/17

Signature of Inventor

Xiaoyu Cui

STATE OF WV

:

SS:

:

COUNTY OF Cabell


:

Sworn to before me and subscribed in my presence this 4<sup>th</sup> of October, 2017.

Kelly Stump  
Notary Public



Date 10/04/17

Signature of Inventor   
Zijian Xie

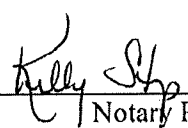
STATE OF WV

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SS:

COUNTY OF Cabell

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Notary Public

