503391577 07/14/2015

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
YING-YING WANG	03/06/2014
RICHARD CONE	03/06/2014

RECEIVING PARTY DATA

Name:	THE JOHNS HOPKINS UNIVERSITY	
Street Address:	3400 N. CHARLES STREET	
City:	BALTIMORE	
State/Country:	MARYLAND	
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PROPERTY NUMBERS Total: 1

Property Type	Number
PCT Number:	US2013067328

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ATTORNEY DOCKET NUMBER:	5470-682WO
NAME OF SUBMITTER:	BETTY-LOU MEDLIN
GNATURE: /bettyloumedlin/	
DATE SIGNED:	07/14/2015

Total Attachments: 4

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PATENT 503391577 REEL: 036082 FRAME: 0152

ASSIGNMENT

THIS ASSIGNMENT, made by us, Ying-Ying Wang, a citizen of the United States of America, residing at 3215 N. Charles Street, Apt. 907, Baltimore, Maryland 21218; and Richard Cone, a citizen of the United States of America, residing at 302 Oakdale Road, Baltimore, Maryland 21210;

WITNESSETH: That,

WHEREAS, we are the joint inventors, along with Samuel Lai, Arthi Kannan, Kenetta Nunn, and Durai Babu Subramani, of certain new and useful improvements in **COMPOSITIONS AND METHODS FOR INHIBITING PATHOGEN INFECTION** for which for which U.S. Provisional Application No. 61/719,689 was filed on October 29, 2012 in the United States Patent and Trademark Office and PCT International Application No. PCT/US2013/067328 was filed on October 29, 2013 in the United States Patent and Trademark Office; and

WHEREAS, The Johns Hopkins University, a corporation of the State of Maryland, having a principle place of business at 3400 N. Charles Street, Baltimore, Maryland 21218-2695, hereinafter referred to as assignee, is desirous of acquiring the entire right, title and interest in and to said invention as described in said applications, and in and to any and all Letters Patent which shall be granted therefor in the United States of America and all foreign countries;

NOW, THEREFORE, To Whom It May Concern, be it known that for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we have sold and by these presents do hereby sell, assign, transfer and convey unto said assignee, its successors and assigns, the entire right, title, and interest in and to the said invention and applications, 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 or other forms of protection thereof which may be granted therefor or thereon, for the full end of the term for which said Letters Patent may be granted along with any term extensions thereon or therefor, together with the right to claim the priority of said applications 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 us if this assignment and sale had not been made.

We hereby request that said Letters Patent be issued in accordance with this assignment.

PATENT REEL: 036082 FRAME: 0153 We further covenant and agree that, at the time of the execution and delivery of these presents, we possess full title to the invention and applications above-mentioned, and that we have the unencumbered right and authority to make this assignment.

We further covenant and agree to promptly communicate to said assignee or its representatives any facts known to us 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, or 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; and we hereby instruct, and further covenant and agree to bind our heirs, legal representatives, and assigns, to do same, without further compensation, but at the expense of said assignee or its representatives.

IN WITNESS WHEREOF, I have hereunto set my hand and seal on this ______ day of

Ying-Ying Wang (SEAL)
STATE OF Maryland
STATE OF Maryland) COUNTY OF faltmore)
Before me personally appeared the person described in and who executed the foregoing
instrument, and s/he acknowledged to me that s/he executed the same for the purposes therein
stated, this _bth day of <u>March</u> , 2014.
Wotary Public
SEAL
My Commission Expires: 5/30/2014
CY M. FO

Page 2 of 4

Attorney Docket No. 5470.682.WO Application Serial No. PCT/US2013/067328

IN WITNESS WHEREOF, I have hereunto set my hand and seal on this 6 day of March, 2014. Richard Cone (SEAL)
Alenara Conc
STATE OF <u>Maryland</u>) COUNTY OF <u>Baltimore</u>)
Before me personally appeared the person described in and who executed the foregoing
instrument, and s/he acknowledged to me that s/he executed the same for the purposes therein stated, this
Wotary Public Transfer Committee Com
SEAL SEAL
My Commission Expires: 5/30/2014

Attorney Docket No. 5470.682.WO Application Serial No. PCT/US2013/067328

WHEREBY The John Hopkins University acknowledges and accepts the assignment;

	IN WITNESS WHEREOF, I have hereunto set my hand and seal on this 8 day of
	April , 2014. The undersigned warrants and represents that he/she has the authority
	to sign this Assignment on behalf of the Assignee, The John Hopkins University.
	By: <u>Gir E. Uhl</u> (SEAL)
	Title: JillE. Uhl, Intellectual Property Director
HP os Apr Co14	STATE OF Mary land CITY COUNTY OF Baltimore)
	Before me personally appeared the person described in and who executed the foregoing
	instrument, and he/she acknowledged to me that he/she executed the same for the purposes
	therein stated, this 8th day of April , 2014.
	SEAL My Commission Expires: 02/27/2018 SEAL My Commission Expires: 02/27/2018
	BALTIMORE

Page 4 of 4

RECORDED: 07/14/2015