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PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3483676

SUBMISSION TYPE:			NEW ASSIGNMENT				
NATURE OF CONVEYANCE:			ASSIGNMENT				
CONVEYING PARTY	DATA						
			Name		Execution Date		
JONATHAN BARASCH					10/18/2014		
ANDONG QIU					04/22/2015		
RECEIVING PARTY D	ΑΤΑ						
Name:		THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK					
Street Address:	412 LC	412 LOW MEMORIAL LIBRARY					
Internal Address:	535 W	535 WEST 116TH STREET					
City:	NEW	NEW YORK					
State/Country:	NEW	ORK					
Postal Code:	10027	10027					
Application Number:		14719204					
Property Type			Number				
Application Number: 14		1471	19204				
CORRESPONDENCE	ΠΔΤΔ						
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-	-		<i>hat is unsuccessful, it will be ser</i> an.stembridge@wilmerhale.com	nt vi	a US Mail.		
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ATTORNEY DOCKET NUMBER:			19240.975 US2				
NAME OF SUBMITTER:			MEGAN L. STEMBRIDGE				
SIGNATURE:			/Megan L Stembridge/				
DATE SIGNED:			08/14/2015				
Total Attachments: 3							
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ASSIGNMENT

WHEREAS, we, Jonathan BARASCH, residing at 2828 Broadway, New York, New York 10025, USA; and Andong QIU, residing at 1560 Pelham Parkway South, Apt. 5A, Bronx, New York 10461, USA (collectively the "Assignors") are the inventors of a certain new and useful invention and discovery entitled "MUTANT NGAL PROTEINS AND USES THEREOF" ("the Invention") for which a U.S. provisional patent application was filed with the United States Patent and Trademark Office on November 21, 2012 as U.S. Provisional Patent Application No. 61/729,323; and for which an International Patent Application was filed with the United States Receiving Office on November 21, 2013 as International Application No. PCT/US2013/071344, hereinafter "the Application";

WHEREAS, The Trustees of Columbia University in the City of New York, existing under the laws of the State of New York, having its principal office at 412 Low Memorial Library, 535 West 116th Street, New York, New York 10027, which, together with its successors and assigns, is hereinafter called "Assignee", is desirous of acquiring the title, rights, benefits, and privileges hereinafter recited;

For valuable consideration, the receipt and sufficiency of which is hereby acknowledged, Assignors hereby assign to Assignee all of Assignors' right, title and interest in and to the Invention, all improvements therein, the Application and all priority rights arising therefrom, and any applications and/or patents, and any reissues and extensions thereof, which issue in any country upon any patent applications which correspond with any of the following: the Application; any application that claims priority from the Application (including utility applications, divisionals, continuations, continuations-in-part, international applications and/or any foreign regional and/or national applications), or any application based in whole or in part on any of the foregoing.

Assignors agree that such Assignors and Assignors' heirs and legal representatives will, without further consideration, cooperate with Assignee in the prosecution of all of the above applications, execute, verify, acknowledge and deliver all such further papers, including applications for patents and for reissues and extensions therefor, and instruments of assignment and transfer thereof, and will communicate any facts known to Assignors relating to the Invention, to obtain

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PATENT REEL: 036327 FRAME: 0949

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Assignment

or maintain or enforce patents for the Invention and improvements therein in any and all countries and to vest title thereto in Assignce. Assignors further agree that such Assignors will, without further compensation to Assignors during the term of such Assignors' employment by Assignee and thereafter for reasonable compensation as determined by Assignee, perform such other acts as may be reasonably required when requested by Assignce, including attending depositions, preparing and executing declarations and affidavits and testifying as a witness, to obtain or maintain or enforce patents for the Invention and improvements therein in any and all countries and to vest title thereto in Assignee.

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this $\frac{1.6}{1.0}$ day of <u>OCI (Month/Year)</u> 2014 mall

.....

Jonathan BARASCH

On this _____ day of _____ (Month/Year), Jonathan BARASCH, personally known to me to be the same individual who executed the foregoing Assignment, and who acknowledged to me that execution of the same was of his own free will for the use and purposes therein set forth.

WITNESS:

Printed Name:

Residential Address:

ActiveUS 117181349v.1

PATENT REEL: 036327 FRAME: 0950

Assignment

Attorney Docket No.: 19240 975US1 and WOI

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this ²² day of 04/2015 (Month Year)

an here

Andong QIU

On this ______ day of ______ (Month/Year), Andong QIU, personally known to me to be the same individual who executed the foregoing Assignment, and who acknowledged to me that execution of the same was of his own free will for the use and purposes therein set forth.

WITNESS:

Printed Name

Residential Address:

ActiveUS 117181349v 1