

PATENT ASSIGNMENT

Electronic Version v1.1
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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Charles Emeka Egwuagu	04/24/2013
Ren-Xi Wang	04/25/2013
Cheng-Rong Yu	05/03/2013
RECEIVING PARTY DATA	
Name:	The United States of America, as represented by the Secretary, Department of Health and Human Services
Street Address:	Office of Technology Transfer, National Institutes of Health
Internal Address:	6011 Executive Boulevard, Suite 325, MSC 7660
City:	Bethesda
State/Country:	MARYLAND
Postal Code:	20892-7660
PROPERTY NUMBERS Total: 1	
Property Type	Number
PCT Number:	US2013036175
CORRESPONDENCE DATA	
Fax Number:	3126165700
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
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ATTORNEY DOCKET NUMBER:	712337
NAME OF SUBMITTER:	Melissa E. Kolom

502334741

PATENT
REEL: 030346 FRAME: 0584

CH \$40.00 US2013036175

Signature:	/Melissa E. Kolom, Reg. No. 51,860/
Date:	05/03/2013
<p>Total Attachments: 12</p> <p>source=712337ExecutedAssignment#page1.tif</p> <p>source=712337ExecutedAssignment#page2.tif</p> <p>source=712337ExecutedAssignment#page3.tif</p> <p>source=712337ExecutedAssignment#page4.tif</p> <p>source=712337ExecutedAssignment#page5.tif</p> <p>source=712337ExecutedAssignment#page6.tif</p> <p>source=712337ExecutedAssignment#page7.tif</p> <p>source=712337ExecutedAssignment#page8.tif</p> <p>source=712337ExecutedAssignment#page9.tif</p> <p>source=712337ExecutedAssignment#page10.tif</p> <p>source=712337ExecutedAssignment#page11.tif</p> <p>source=712337ExecutedAssignment#page12.tif</p>	

**ASSIGNMENT FOR NIH/FDA INVENTIONS
(NIH OR FDA CO-INVENTORS ONLY)**

WHEREAS, I/we, Charles Emeka Egwuagu, Ren-Xi Wang, and Cheng-Rong Yu, an employee/employees of the National Institutes of Health, a component of the United States Department of Health and Human Services having an address at the Office of Technology Transfer, National Institutes of Health, 6011 Executive Boulevard, Suite 325, MSC 7660, Bethesda, MD 20892-7660, [hereinafter **The Inventors**], have made certain inventions as described and claimed in a patent application filed under the Patent Cooperation Treaty, having application number PCT/US2013/036175, filed April 11, 2013, and which is entitled "METHODS OF PRODUCING AND USING REGULATORY B-CELLS" ("patent application") and;

WHEREAS, I/we am/are the applicant(s) named in the above-identified patent application; and

WHEREAS, the inventions described and claimed therein were made under conditions such as to entitle **THE UNITED STATES OF AMERICA, as represented by the Secretary, Department of Health and Human Services** [hereinafter **THE GOVERNMENT**] under Executive Order 10096 and its amendments, 35 USC §§200-201, §§206-207, and §210 and 37 CFR Part 501 to the entire right, title, and interest in such inventions; and

WHEREAS, THE GOVERNMENT is desirous of acquiring all domestic and foreign right, title, and interest in the inventions described and claimed in the patent application; and

NOW, THEREFORE, having the legal obligation to assign my/our right, title and interest in the inventions described and claimed in the above-identified patent application to **THE GOVERNMENT**, having a place of business at the Office of Technology Transfer, National Institutes of Health, 6011 Executive Boulevard, Suite 325, MSC 7660, Bethesda, MD 20892-7660 and for consideration, the receipt and sufficiency of which are hereby acknowledged, I/we hereby assign and transfer to **THE GOVERNMENT**:

the entire right, title, and interest in and to any and all inventions described and claimed in said patent application and any and all Letters Patents which may be granted thereon, and any and all continuations, divisions, reissues or extensions thereof; and

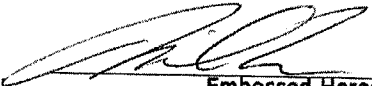
all rights to claim priority on the basis of said patent application including but not limited to applications filed through the provisions of the Patent Cooperation Treaty ("PCT Applications"); and

all applications for Letters Patents that may be filed for any and all inventions described and claimed in said patent application that may be filed in any foreign country and all Letters Patents that may be granted thereon in any foreign country and all extensions, renewals, and reissues thereof; and

any and all such Letters Patents as may be granted in the United States or any foreign country to be held by **THE GOVERNMENT** to the end of the term for which the same would have been held by the inventors had this assignment not been made.

I/we further agree to make, execute, and deliver to **THE GOVERNMENT**, upon request, any and all papers, documents, affidavits, or other instruments that may be necessary in the prosecution of any application or applications for improvements or reissues of Letters Patents, and to assist **THE GOVERNMENT** in every way as may be requested in protecting said inventions.

IN WITNESS WHEREOF we subscribe our hands and seals on the dates shown below:

Inventor 1:	
<u>4/24/13</u> Date	<u>C. Eguagu</u> Charles Eneka Eguagu
County of <u>Montgomery</u>	
State of <u>Maryland</u>	
Subscribed and sworn to before me this <u>24</u> day of <u>April</u> , 2013.	
[Seal]	 Embossed Hereon is My Notary Public Seal for <u>Montgomery County, State of Maryland</u> My Commission Expires <u>April 18, 2016</u> MICHAEL LUM

Inventor 2:

Date Ren-Xi Wang

County of _____

State of _____

Subscribed and sworn to before me this _____ day of _____, 2013.

[Seal]

Notary Public for _____

My Commission Expires: _____

Inventor 3:

Date Cheng-Rong Yu

County of _____

State of _____

Subscribed and sworn to before me this _____ day of _____, 2013.

[Seal]

Notary Public for _____

My Commission Expires: _____

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Inventor 1:	
_____	_____
Date	Charles Emeka Egwuagu
County of _____	
State of _____	
Subscribed and sworn to before me this _____ day of _____, <u>2013</u> .	
[Seal]	_____
	Notary Public for _____
	My Commission Expires: _____

Date _____

Ren-Xi Wang

Date _____

Date April 25, 2013

Witness

Witness chen xing

Date _____

Date April 25, 2013

Witness

Zhi Zhao

Inventor 3:

Date Cheng-Rong Yu

County of _____

State of _____

Subscribed and sworn to before me this _____ day of _____, 2013.

[Seal]

Notary Public for _____

My Commission Expires: _____

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IN WITNESS WHEREOF we subscribe our hands and seals on the dates shown below:

Inventor 1:	
_____	_____
Date	Charles Emeka Egwuagu
County of _____	
State of _____	
Subscribed and sworn to before me this _____ day of _____, 2013.	
[Seal]	_____
	Notary Public for _____
	My Commission Expires: _____

Inventor 2:

Date

Ren-Xi Wang

County of _____

State of _____

Subscribed and sworn to before me this _____ day of _____, 2013.

[Seal]

Notary Public for _____

My Commission Expires: _____

Inventor 3:

5-3-2013

Date

Cheng-Rong Yu

Cheng-Rong Yu

County of Montgomery

State of Maryland

Subscribed and sworn to before me this 3rd day of May, 2013.

[Seal]

Notary Public for

My Commission Expires:

GITA G SHAH
NOTARY PUBLIC
MONTGOMERY COUNTY
MARYLAND
MY COMMISSION EXPIRES JULY 12, 2016