

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT2700165

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>YONG CHAN KIM</td> <td>01/06/2014</td> </tr> <tr> <td>ETHAN SHEVACH</td> <td>01/08/2014</td> </tr> </tbody> </table>		Name	Execution Date	YONG CHAN KIM	01/06/2014	ETHAN SHEVACH	01/08/2014
Name	Execution Date						
YONG CHAN KIM	01/06/2014						
ETHAN SHEVACH	01/08/2014						
RECEIVING PARTY DATA							
Name:	The USA as represented by the Secretary, Dept. of Health and Human Services						
Street Address:	National Institutes of Health						
Internal Address:	6011 Executive Blvd., Suite 325, MSC 7660						
City:	Bethesda						
State/Country:	MARYLAND						
Postal Code:	20892-7660						
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>13716900</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13716900		
Property Type	Number						
Application Number:	13716900						
CORRESPONDENCE DATA							
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NAME OF SUBMITTER:	RICHARD J. STERN, PH.D.						
Signature:	/Richard J. Stern/						

Date:

01/28/2014

Total Attachments: 3

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

WHEREAS, I/we, Yong Chan Kim and Ethan Shevach, 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 the U.S. Patent Application having United States Serial No. 13/716,900, filed December 17, 2012, and which is entitled "METHODS OF PRODUCING T CELL POPULATIONS ENRICHED FOR STABLE REGULATORY T-CELLS" ("U.S. Application") and;

WHEREAS, I/we are the applicant(s) named in the above-identified U.S. 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 U.S. 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 U.S. Application and any and all Letters Patent 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 U.S. Application including but not limited to applications filed through the provisions of the Patent Cooperation Treaty ("PCT Applications"); and

all applications for Letters Patent that may be filed for any and all inventions described and claimed in said U.S. 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 Patent, and to assist **THE GOVERNMENT** in every way as may be requested in protecting said invention.

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


Inventor 1:

01/06/14
Date

[Signature]
Yong Chan Kim, Ph.D.

County of Montgomery
State of Maryland

Subscribed and sworn to before me this 6th day of January, 2014.

[Seal]  [Signature]
Notary Public for Maryland
My Commission Expires: 9/23/2015

Inventor 2:

Date

Ethan Shevach, M.D.

County of _____
State of _____

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

[Seal] _____
Notary Public for _____
My Commission Expires: _____

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 Patent, and to assist **THE GOVERNMENT** in every way as may be requested in protecting said invention.

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

Inventor 1:	
_____	_____
Date	Yong Chan Kim, Ph.D.
County of _____	
State of _____	
Subscribed and sworn to before me this ____ day of _____, _____.	
[Seal]	_____
	Notary Public for _____
	My Commission Expires: _____

Inventor 2:	
_____	_____
Date	Ethan Shevach, M.D.
County of <u>MONTGOMERY</u>	
State of <u>MARYLAND</u>	
Subscribed and sworn to before me this <u>8th</u> day of <u>JANUARY</u> , <u>2014</u> .	
[Seal]	_____
	Notary Public for <u>STATE OF MARYLAND</u>
	My Commission Expires: <u>03/07/2015</u>

EUGENE LEVITSKY
NOTARY PUBLIC STATE OF MARYLAND
My Commission Expires March 7, 2015