

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT4174237

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
SAMIR H. SHABAN	11/14/2016
MARY P. KOLECK	11/15/2016
GEORGE MITRA	11/14/2016
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES
<b>Street Address:</b>	6011 EXECUTIVE BOULEVARD, SUITE 325, MSC 7660
<b>City:</b>	BETHESDA
<b>State/Country:</b>	MARYLAND
<b>Postal Code:</b>	20892-7660
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	14995278
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(202)672-5399
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<b>ATTORNEY DOCKET NUMBER:</b>	080618-1637
<b>NAME OF SUBMITTER:</b>	KRISTEL SCHORR
<b>SIGNATURE:</b>	/Kristel Schorr/
<b>DATE SIGNED:</b>	12/07/2016
<b>Total Attachments: 6</b>	
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**ASSIGNMENT FOR NIH/FDA/CDC INVENTIONS AIA  
(NIH OR FDA OR CDC CO-INVENTORS) ONLY**

**WHEREAS THIS ASSIGNMENT**, made by

Samir H. Shaban residing at 20812 Cross Timber, Ashburn, Virginia 20147, USA;

Mary P. Koleck, Ph.D. residing at 8794 Hickory Hill, Walkersville, Maryland 21793, USA; and

George Mitra residing at 12405 Rivers Edge Drive, Potomac, Maryland 20854, USA

respectively, 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 Number PCT/US15/42241, filed July 27, 2015, and which is entitled "METHOD FOR PURIFYING ANTIBODIES" and;

all of which are collectively referred to as "The Patent Application(s)".

**WHEREAS**, we are the inventors named in The Patent Application(s); and

**WHEREAS**, the inventions described and claimed in The Patent Application(s) 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 §§200-202, §§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(s); and

**NOW, THEREFORE**, having the legal obligation to assign our, title and interest in the inventions described and claimed in The Patent Application(s) 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, 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 The Patent Application(s) and any and all Letters Patent which may be granted thereon, and any and all continuations, divisions, reissues or extensions thereof; and


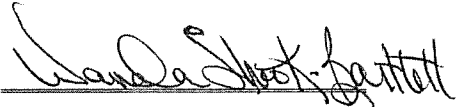
all rights to claim priority on the basis of The Patent Application(s) including but not limited to applications filed through the provisions of the Patent Cooperation Treaty ("PCT Applications"); and

all applications for Letters Patent that may be filed for any and all inventions described and claimed in The Patent Application(s) 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.

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:

<u>11/14/16</u> Date	 _____ Samir H. Shaban
County of <u>Frederick</u>	
State of <u>Maryland</u>	
Subscribed and sworn to before me this <u>14<sup>th</sup></u> day of <u>November</u> , <u>2016</u> .	
[Seal]	Notary Public for  _____ My Commission Expires: <u>10/17/2018</u>

_____ Date	_____ Mary P. Koleck, Ph.D.
County of _____	
State of _____	
Subscribed and sworn to before me this _____ day of _____, _____.	
[Seal]	Notary Public for _____ _____ My Commission Expires: _____

11/14/16

Date

George Mitra

George Mitra

County of Frederick

State of Maryland

Subscribed and sworn to before me this 14<sup>th</sup> day of November, 2016.

[Seal]

Notary Public for

David Stuart Battlett

My Commission Expires:

10/17/2018

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

**WHEREAS THIS ASSIGNMENT**, made by

Samir H. Shaban residing at 20812 Cross Timber, Ashburn, Virginia 20147, USA;

Mary P. Koleck, Ph.D. residing at 8794 Hickory Hill, Walkersville, Maryland 21793, USA; and

George Mitra residing at 12405 Rivers Edge Drive, Potomac, Maryland 20854, USA

respectively, 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 Number PCT/US15/42241, filed July 27, 2015, and which is entitled "METHOD FOR PURIFYING ANTIBODIES" and;

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the entire right, title, and interest in and to any and all inventions described and claimed in The Patent Application(s) 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 The Patent Application(s) 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 The Patent Application(s) 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.

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

_____	_____
Date	Samir H. Shaban
County of _____	
State of _____	
Subscribed and sworn to before me this _____ day of _____, _____.	
[Seal]	
	Notary Public for _____
	My Commission Expires: _____

<u>11-15-2016</u>	<u>Mary P. Koleck</u>
Date	Mary P. Koleck, Ph.D.
County of <u>Montgomery</u>	
State of <u>Maryland</u>	
Subscribed and sworn to before me this <u>15<sup>th</sup></u> day of <u>November</u> , <u>2016</u> .	
[Seal]	
	Notary Public for _____
	My Commission Expires: _____
	

\_\_\_\_\_ Date \_\_\_\_\_ George Mitra

County of \_\_\_\_\_

State of \_\_\_\_\_

Subscribed and sworn to before me this \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_.

[Seal]

Notary Public for \_\_\_\_\_

My Commission Expires: \_\_\_\_\_