

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
ROBERT SEDER	12/18/2015
RECEIVING PARTY DATA	
Name:	THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES
Street Address:	TECHNOLOGY TRANSFER AND INTELLECTUAL PROPERTY OFFICE, NATIONAL INSTITUTE OF ALLERGY AND INFECTIOUS DISEASES, NATIONAL INSTITUTES OF HEALTH
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State/Country:	MARYLAND
Postal Code:	20892-7660
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15858560
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DATE SIGNED:	12/07/2018
Total Attachments: 2	
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ASSIGNMENT FOR NIH/FDA/CDC INVENTIONS AIA
(NIH OR FDA OR CDC CO-INVENTORS ONLY)

WHEREAS, I/we,

1. Robert Seder, M.D, 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, have made certain inventions as described
and claimed in:

1. US Provisional Patent Application No. 62/128,400, filed 3/4/2015, and which is entitled
"Serum Antibody Assay for Determining Protection From Malaria, and Pre-Erythrocytic
Subunit Vaccines" (**The Patent Application**)

WHEREAS, I am the inventor named in **The Patent Application**; and

WHEREAS, the inventions described and claimed in **The Patent Application** 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 Patent Application** to **THE GOVERNMENT**, having a place of
business at the Technology Transfer and Intellectual Property Office, National Institute of Allergy and
Infectious Diseases, National Institutes of Health, 5601 Fisher Lane, Suite 6D, MSC 9804,
Rockville, MD 20892-9804 and for consideration, the receipt and sufficiency of which are hereby
acknowledged, I 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** and any and all Letters Patent(s) 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**) including but not limited to
applications filed through the provisions of the Patent Cooperation Treaty ("PCT Applications"); and

all applications for Letters Patent(s) that may be filed for any and all inventions described and
claimed in **The 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 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:	
<u>12/18/2015</u> Date	<u>Robert A. Seder</u> Robert A. Seder, M.D.
County of <u>Montgomery</u> Ss:	
State of <u>Maryland</u>	
Subscribed and sworn to before me this <u>18th</u> day of <u>December</u> 2015.	
[Seal] MONIQUE C. YOUNG Notary Public Prince George's County Maryland My Commission Expires Oct. 7, 2016	<u>Monique C. Young</u> Notary Public for <u>Prince George's County, MD</u> My Commission Expires: <u>Oct. 7, 2016</u>