

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT7325957

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
JEFFREY C. BOYINGTON	10/06/2017
BARNEY S. GRAHAM	10/04/2017
JOHN R. MASCOLA	10/04/2017
HADI M. YASSINE	10/04/2017
KIZZMEKIA S. CORBETT	10/06/2017
SYED M. MOIN	10/06/2017
LINGSHU WANG	10/06/2017
MASARU KANEKIYO	10/06/2017
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:	6701 ROCKLEDGE DRIVE, SUITE 700, MSC 7788
City:	BETHESDA
State/Country:	MARYLAND
Postal Code:	20892-7788
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	17742201
CORRESPONDENCE DATA	
Fax Number:	(503)595-5301
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Correspondent Name:	GREGORY K. SCOTT, KLARQUIST SPARKMAN, LLP
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Address Line 4:	PORTLAND, UNITED STATES 97204

ATTORNEY DOCKET NUMBER:	4239-104868-15
NAME OF SUBMITTER:	GREGORY K. SCOTT
SIGNATURE:	/Gregory K. Scott/
DATE SIGNED:	05/11/2022

Total Attachments: 8

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ASSIGNMENT

WHEREAS, I/we, Jeffrey C. Boyington, Barney S. Graham, John R. Mascola, Hadi M. Yassine, Kizzmekia S. Corbett, Syed M. Moin, Lingshu Wang, and Masaru Kanekiyo, 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 International PCT Patent Application No. PCT/US17/49894, filed September 1, 2017, and which is entitled "STABILIZED GROUP 2 INFLUENZA HEMAGGLUTININ STEM REGION TRIMERS AND USES THEREOF," (**The PCT Application**) and;

WHEREAS, I/we are the inventor(s) named in **The PCT Application**; and

WHEREAS, the inventions described and claimed in **The PCT 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 §§200-202, §§206-207, and §210 and 37 CFR Part 501 and 37 CFR Part 401 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 PCT Application**; and

NOW, THEREFORE, having the legal obligation to assign my/our right, title and interest in the inventions described and claimed in **The PCT 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 **The PCT 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 PCT 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 PCT 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:	
<u>6 Oct 2016</u> Date	<u>Jeffrey C Boyington</u> Jeffrey C. Boyington, Ph.D.
County of <u>Montgomery</u>	
State of <u>Maryland</u>	
Subscribed and sworn to before me this <u>6th</u> day of <u>October</u> , <u>2016</u> .	
[Seal] MARGARITA M. SELLERS Notary Public Montgomery County Maryland My Commission Expires September 24, 2019	<u>[Signature]</u> Notary Public for <u>Maryland</u> My Commission Expires: <u>11-24-17</u>

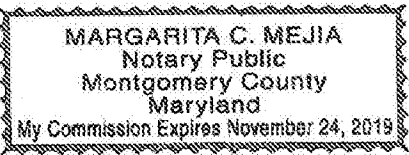
Inventor 2:

10/4/17
Date

[Signature]
Barney S. Graham, M.D., Ph.D.

County of Montgomery
State of Maryland

Subscribed and sworn to before me this 4 day of October, 2017

[Seal] 

[Signature]
Notary Public for Maryland
My Commission Expires: 11-24-19

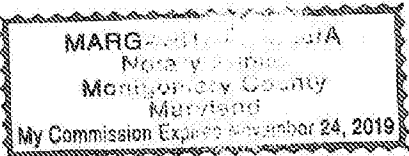
Inventor 3:

4 OCT 2017
Date

[Signature]
John R. Mascola, M.D.

County of Montgomery
State of Maryland

Subscribed and sworn to before me this 4th day of October, 2017

[Seal] 

[Signature]
Notary Public for Maryland
My Commission Expires: 11-24-19

Inventor 4:

Oct 4, 2017
Date

[Signature]
Hadi M. Yassine, Ph.D.

County of Qatar

State of /

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

[Seal]

Notary Public for _____

My Commission Expires: _____

Inventor 5:

Date

Kizzmekia S. Corbett, Ph.D.

County of _____

State of _____

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

[Seal]

Notary Public for _____

My Commission Expires: _____

[Signature]

Inventor 4:

Date _____ Hadi M. Yassine, Ph.D.

County of _____

State of _____

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

[Seal] _____

Notary Public for _____

My Commission Expires: _____

Inventor 5:

10/06/2017
Date _____

Kizmekia S. Corbett
Kizmekia S. Corbett, Ph.D.

County of Montgomery

State of Maryland

Subscribed and sworn to before me this 6th day of October, 2017.

[Seal] MARGARITA C. MEJIA
Notary Public
Montgomery County
Maryland
My Commission Expires November 24, 2019

Margarita C. Mejia
Notary Public for Maryland

My Commission Expires: 11-24-19

Inventor 6:

10/06/17
Date

Syed M. Moin, Ph.D.

County of Montgomery

State of Maryland

Subscribed and sworn to before me this 6th day of October, 2017.

[Seal]

MARGARITA C. MEJIA
Notary Public
Montgomery County
Maryland
My Commission Expires November 24, 2019

[Signature]
Notary Public for Maryland
My Commission Expires: 11.24.19

Inventor 7:

10/06/17
Date

Lingshu Wang, Ph.D.

County of Montgomery

State of Maryland

Subscribed and sworn to before me this 6th day of October, 2017.

[Seal]

MARGARITA C. MEJIA
Notary Public
Montgomery County
Maryland
My Commission Expires November 24, 2019

[Signature]
Notary Public for Maryland
My Commission Expires: 11.24.19

Inventor 8:

10/6/2017
Date

Masaru Kanekiyo
Masaru Kanekiyo, Ph.D.

County of Montgomery

State of Maryland

Subscribed and sworn to before me this 6th day of October, 2017.

[Seal]

MARGARITA C. MEJIA
Notary Public
Montgomery County
Maryland
My Commission Expires November 24, 2019

M. Kanekiyo
Notary Public for Maryland
My Commission Expires: 11-24-19

ASSIGNEE

The United States of America, as represented by the Secretary, Department of Health and Human Services

_____ Date _____ Signature _____

_____ Printed Name _____

_____ Title _____

County of _____

State of _____

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

[Seal]

_____ Notary Public for _____

_____ My Commission Expires: _____

Inventor 8:

Date _____ Masaru Kanskiyo, Ph.D.

County of _____

State of _____

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

[Seal] _____

Notary Public for _____

My Commission Expires: _____

ASSIGNEE

The United States of America, as represented by the Secretary, Department of Health and Human Services

3 October 2017
Date

Vincent L. Felicia
Signature

Vincent L. Felicia, Ph.D., Esq.
Printed Name

Branch Chief, VDAID Branch, TTIPD, NIAID, NIH, HHS
Title

County of MONTGOMERY

State of MARYLAND

Subscribed and sworn to before me this 3 day of OCTOBER 2017

[Seal] *Gene Reese*
Notary Public for MARYLAND

My Commission Expires: 6-18-2020