

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
MARIA P. LIMBERIS	01/29/2018
ANNA P. TRETIAKOVA	01/26/2018
JAMES M. WILSON	01/26/2018
QIANG WANG	02/26/2018
RECEIVING PARTY DATA	
Name:	THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA
Street Address:	3600 CIVIC CENTER BLVD.
Internal Address:	9TH FLOOR
City:	PHILADELPHIA
State/Country:	PENNSYLVANIA
Postal Code:	19104
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15906887
CORRESPONDENCE DATA	
Fax Number:	
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
Phone:	2155409200
Email:	docketing@howsoniplaw.com, dferris@howsoniplaw.com
Correspondent Name:	HOWSON & HOWSON LLP
Address Line 1:	325 SENTRY PARKWAY EAST
Address Line 2:	FIVE SENTRY EAST, SUITE 160
Address Line 4:	BLUE BELL, PENNSYLVANIA 19422
ATTORNEY DOCKET NUMBER:	17-7987
NAME OF SUBMITTER:	CATHY A. KODROFF
SIGNATURE:	/CathyAKodroff/
DATE SIGNED:	10/24/2019
Total Attachments: 8	

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ASSIGNMENT

WHEREAS, we,

Maria P. LIMBERIS, a citizen of **Australia**, residing at **The Murano, 2101 Market Street, Unit 3805, Philadelphia, Pennsylvania 19103, United States of America**,

Anna P. TRETIAKOVA, a citizen of the **United States**, residing at **28 Central Street, Woburn, Massachusetts 01801, United States of America**, and

James M. WILSON, a citizen of the **United States**, residing at **1831 Delancey Street, Philadelphia, Pennsylvania 19103, United States of America**,

along with **Michael NASO**, **Joost KOLKMAN**, and **Robert FRIESEN**,

ASSIGNORS, are inventors of one or more inventions disclosed, described and/or claimed in the application referred to as Docket Numbers **17-7987P-P4** ("the invention"), assigned application number **62/464,753** filed **February 28, 2017**; application number **62/504,293** filed **May 10, 2017**; application number **62/560,834** filed **September 20, 2017**; and application number **62/618,443** filed **January 17, 2018**; each of which is entitled **NOVEL AAV-MEDIATED INFLUENZA VACCINES** ("the subject application").

AND WHEREAS, **The Trustees of the University of Pennsylvania**, ASSIGNEE, having a place of business at **3160 Chestnut Street, Suite 200, Philadelphia, PA 19104, United States of America**, is desirous of obtaining my entire right, title, and interest in, to, and under the invention:

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we, the ASSIGNORS, hereby sell, assign, transfer, and set over, unto the ASSIGNEE, its successors, legal representatives, and assigns, our entire right, title, and interest in, to, and under the invention, and all applications for industrial property protection, including without limitation, all applications for patents, utility models, inventors' certificates, and designs that have been filed, and that may hereafter be filed, in any country, that disclose, describe, and/or claim the invention, including, without limitation, the subject application and the priority application, and all extensions, renewals, and reissues of such applications, including all divisions and continuations in whole or in part; all patents granted on such applications in any country, and all extensions, renewals, and reissues of such patents, including all divisions and continuations in whole or in part; the right to file such applications in any country; and the right to claim for such applications in any country the priority rights derived from the priority application and the subject application under the International Convention for the Protection of Industrial Property, the Patent Laws of the United States, any other international agreement or protection, or the domestic laws of any country in which any such application is filed, as may be applicable.

AND WE HEREBY covenant and agree that we have full right to convey our entire interest herein assigned, and that we have not executed, and will not execute, any agreement in conflict herewith.

AND WE HEREBY further covenant and agree that we will communicate to the ASSIGNEE, its successors, legal representatives, and assigns, any facts known to us respecting the invention, and testify in any legal proceeding, sign all lawful papers, execute all disclaimers and all divisional, continuing, reissue, and foreign applications, make all rightful oaths, deliver upon request all papers, documents, affidavits, or other instruments that may be necessary or helpful in the prosecution of any application for industrial property protection describing and/or claiming the invention, and generally do everything possible to aid the ASSIGNEE, its successors, legal representatives, and assigns, to obtain and enforce proper protection for the invention in all countries.

IN TESTIMONY WHEREOF, we have signed our names below on the date indicated above our signatures.

Executed this 29th day of January, year of 2018.



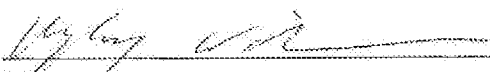
Signature – Maria P. LIMBERIS

WITNESS

Philadelphia, Pennsylvania
Signed At (City/State)

HALEY WILSON

Name



Signature

01/29/2018

Date

DOCKET NOs.: 17-7987P-P4

Executed this 26 day of January, year of 2018



Signature -- Anna P. TRETIAKOVA

WITNESS

Cambridge, MA

Signed At (City/State)

MICHAEL BINKS

Name



Signature

26th January 2018

Date

DOCKET NOs.: 17-7987P-P4

Executed this 26th day of January, year of 2018.



Signature – James M. WILSON

WITNESS

Philadelphia, Pennsylvania
Signed At (City/State)

Veronica Niblick
Name

Ver Niblick
Signature

01/26/18
Date

DOCKET NOs.: 17-7987P-P4

This assignment is accepted on behalf of The Trustees of the University of Pennsylvania by:

February 6, 2018
Date

Jennifer Langenberger
Jennifer Langenberger
Director, Intellectual Property

ASSIGNMENT

WHEREAS, I,

Qiang WANG, a citizen of China, residing at **228 West Winona Street, 1st Floor, Philadelphia, Pennsylvania 19144, United States of America**,

along with **Maria P. LIMBERIS**, **Anna P. TRETIKOVA**, **James M. WILSON**, **Michael NASO**, **Joost KOLKMAN**, and **Robert FRIESEN**,

ASSIGNORS, are inventors of one or more inventions disclosed, described and/or claimed in the application referred to as Docket Numbers **17-7987P-P4** ("the invention"), assigned application number **62/464,753** filed **February 28, 2017**; application number **62/504,293** filed **May 10, 2017**; application number **62/560,834** filed **September 20, 2017**; and application number **62/618,443** filed **January 17, 2018**; each of which is entitled **NOVEL AAV-MEDIATED INFLUENZA VACCINES** ("the subject application").

AND WHEREAS, **The Trustees of the University of Pennsylvania**, ASSIGNEE, having a place of business at **3160 Chestnut Street, Suite 200, Philadelphia, PA 19104, United States of America**, is desirous of obtaining my entire right, title, and interest in, to, and under the invention:

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we, the ASSIGNORS, hereby sell, assign, transfer, and set over, unto the ASSIGNEE, its successors, legal representatives, and assigns, our entire right, title, and interest in, to, and under the invention, and all applications for industrial property protection, including without limitation, all applications for patents, utility models, inventors' certificates, and designs that have been filed, and that may hereafter be filed, in any country, that disclose, describe, and/or claim the invention, including, without limitation, the subject application and the priority application, and all extensions, renewals, and reissues of such applications, including all divisions and continuations in whole or in part; all patents granted on such applications in any country, and all extensions, renewals, and reissues of such patents, including all divisions and continuations in whole or in part; the right to file such applications in any country; and the right to claim for such applications in any country the priority rights derived from the priority application and the subject application under the International Convention for the Protection of Industrial Property, the Patent Laws of the United States, any other international agreement or protection, or the domestic laws of any country in which any such application is filed, as may be applicable.

AND WE HEREBY covenant and agree that we have full right to convey our entire interest herein assigned, and that we have not executed, and will not execute, any agreement in conflict herewith.

AND WE HEREBY further covenant and agree that we will communicate to the ASSIGNEE, its successors, legal representatives, and assigns, any facts known to us respecting

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the invention, and testify in any legal proceeding, sign all lawful papers, execute all disclaimers and all divisional, continuing, reissue, and foreign applications, make all rightful oaths, deliver upon request all papers, documents, affidavits, or other instruments that may be necessary or helpful in the prosecution of any application for industrial property protection describing and/or claiming the invention, and generally do everything possible to aid the ASSIGNEE, its successors, legal representatives, and assigns, to obtain and enforce proper protection for the invention in all countries.

IN TESTIMONY WHEREOF, we have signed our names below on the date indicated above our signatures.

Executed this 26th day of February, year of 2018.


Signature - Qiang WANG

WITNESS

Philadelphia, Pennsylvania
Signed At (City/State)

Veri Ne: Veronica Niblick
Name

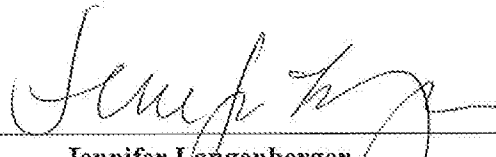
Veri Ne
Signature

02/26/18
Date

DOCKET NOS.: 17-7987P-P4

This assignment is accepted on behalf of The Trustees of the University of Pennsylvania by:

3/28/2018
Date



Jennifer Langenberger
Director, Intellectual Property