

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT6227417

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
HARVEY FRIEDMAN	02/20/2020
DREW WEISSMAN	02/20/2020
SITA AWASTHI	02/20/2020
GARY COHEN	04/27/2020
RECEIVING PARTY DATA	
Name:	THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA
Street Address:	3160 CHESTNUT STREET-SUITE 200
City:	PHILADELPHIA
State/Country:	PENNSYLVANIA
Postal Code:	19104
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16640008
CORRESPONDENCE DATA	
Fax Number:	(646)878-0801
<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:	646-878-0800
Email:	USPTO@pearlcohen.com
Correspondent Name:	PEARL COHEN ZEDEK LATZER BARATZ LLP
Address Line 1:	1500 BROADWAY
Address Line 2:	12TH FLOOR
Address Line 4:	NEW YORK, NEW YORK 10036
ATTORNEY DOCKET NUMBER:	P-572137-AU
NAME OF SUBMITTER:	MICHELLA EBURNE
SIGNATURE:	/Michella Eburne/
DATE SIGNED:	07/30/2020
Total Attachments: 12	
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DOCKET NO.: P-572137-US

ASSIGNMENT

WHEREAS, I, **FRIEDMAN, Harvey**, a citizen of **US**, residing at **310 Winding Way, Merion PA 19066**, ASSIGNOR, am an inventor of one or more inventions disclosed, described and/or claimed in the application referred to as Docket Number **P-572137-US** (“the invention”), assigned application number **16/640,008** filed **February 18, 2020**, which is entitled **MODIFIED MRNA VACCINES ENCODING HERPES SIMPLEX VIRUS GLYCOPROTEINS AND USES THEREOF** (“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**, 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, I, the ASSIGNOR, hereby sell, assign, transfer, and set over, unto the ASSIGNEE, its successors, legal representatives, and assigns, my 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 I HEREBY covenant and agree that I have full right to convey my entire interest herein assigned, and that I have not executed, and will not execute, any agreement in conflict herewith.

AND I HEREBY further covenant and agree that I will communicate to the ASSIGNEE, its successors, legal representatives, and assigns, any facts known to me 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.

DOCKET NO.: P-572137-US

IN TESTIMONY WHEREOF, I have signed my name below on the date indicated above my signature.

Executed this 20 day of Feb, year of 2020



Signature - FRIEDMAN, Harvey

WITNESS

Philadelphia, PA
Signed At (City/State)

Joan Williams
Name

Joan Williams
Signature

2/20/20
Date

DOCKET NO.: P-572137-US

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

7/30/2020

Date

DocuSigned by:

Jennifer Langenberger

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Jennifer Langenberger
Director, Intellectual Property

DOCKET NO.: P-572137-US

ASSIGNMENT

WHEREAS, I, **WEISSMAN, Drew**, a citizen of **US**, residing at **218 Lloyd Ln, Wynnewood PA 19096**, ASSIGNOR, am an inventor of one or more inventions disclosed, described and/or claimed in the application referred to as Docket Number **P-572137-USP** ("the invention"), assigned application number **16/640,008** filed **February 18, 2020**, which is entitled **MODIFIED MRNA VACCINES ENCODING HERPES SIMPLEX VIRUS GLYCOPROTEINS AND USES THEREOF** ("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**, 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, I, the ASSIGNOR, hereby sell, assign, transfer, and set over, unto the ASSIGNEE, its successors, legal representatives, and assigns, my 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 I HEREBY covenant and agree that I have full right to convey my entire interest herein assigned, and that I have not executed, and will not execute, any agreement in conflict herewith.

AND I HEREBY further covenant and agree that I will communicate to the ASSIGNEE, its successors, legal representatives, and assigns, any facts known to me 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.

DOCKET NO.: P-572137-US

IN TESTIMONY WHEREOF, I have signed my name below on the date indicated above my signature.

Executed this 20th day of February, year of 2020.



Signature - WEISSMAN, Drew


WITNESS

Philadelphia, PA

Signed At (City/State)

Harold Weissman

Name



Signature

Text

2/20/2020

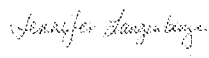
Date

DOCKET NO.: P-572137-US

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

7/30/2020

Date

DocuSigned by:

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Jennifer Langenberger
Director, Intellectual Property

DOCKET NO.: P-572137-US

ASSIGNMENT

WHEREAS, I, **AWASTHI, Sita**, a citizen of **US**, residing at **124 Tall Trees Dr., Bala Cynwyd PA 19094**, ASSIGNOR, am an inventor of one or more inventions disclosed, described and/or claimed in the application referred to as Docket Number **P-572137-USP** ("the invention"), assigned application number **16/640,008** filed **February 18, 2020**, which is entitled **MODIFIED MRNA VACCINES ENCODING HERPES SIMPLEX VIRUS GLYCOPROTEINS AND USES THEREOF** ("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**, 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, I, the ASSIGNOR, hereby sell, assign, transfer, and set over, unto the ASSIGNEE, its successors, legal representatives, and assigns, my 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 I HEREBY covenant and agree that I have full right to convey my entire interest herein assigned, and that I have not executed, and will not execute, any agreement in conflict herewith.

AND I HEREBY further covenant and agree that I will communicate to the ASSIGNEE, its successors, legal representatives, and assigns, any facts known to me 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.

DOCKET NO.: P-572137-US

IN TESTIMONY WHEREOF, I have signed my name below on the date indicated above my signature.

Executed this 20th day of 20 feb, year of 2020

Sita Awasthi

Signature - AWASTHI, Sita

WITNESS

Philadelphia, PA
Signed At (City/State)

Allison Bohnberger
Name

[Signature]
Signature

2/20/20
Date

DOCKET NO.: P-572137-US

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

7/30/2020

Date

DocuSigned by:
Jennifer Langenberger
687E6FEC3B99461...

Jennifer Langenberger
Director, Intellectual Property

DOCKET NO.: P-572137-US

WHEREAS, I, **COHEN, Gary**, a citizen of **US**, residing at **41 Woodcroft Road, Havertown PA 19083**, ASSIGNOR, am an inventor of one or more inventions disclosed, described and/or claimed in the application referred to as Docket Number **P-572137-USP** (“the invention”), assigned application number **16/640,008** filed **February 18, 2020**, which is entitled **MODIFIED MRNA VACCINES ENCODING HERPES SIMPLEX VIRUS GLYCOPROTEINS AND USES THEREOF** (“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**, 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, I, the ASSIGNOR, hereby sell, assign, transfer, and set over, unto the ASSIGNEE, its successors, legal representatives, and assigns, my 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 I HEREBY covenant and agree that I have full right to convey my entire interest herein assigned, and that I have not executed, and will not execute, any agreement in conflict herewith.

AND I HEREBY further covenant and agree that I will communicate to the ASSIGNEE, its successors, legal representatives, and assigns, any facts known to me 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.

DOCKET NO.: P-572137-US

PENN DOCKET: 17-8201

IN TESTIMONY WHEREOF, I have signed my name below on the date indicated above my signature.

Executed this 27th day of April, year of 2020.



Signature - COHEN, Gary

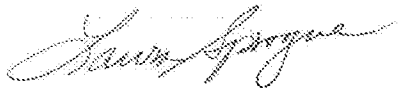
WITNESS

Philadelphia, PA

Signed At (City/State)

Laura Sprague

Name



Signature

04/27/2020

Date

DOCKET NO.: P-572137-US

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

7/30/2020

Date

DocuSigned by:

Jennifer Langenberger

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Jennifer Langenberger
Director, Intellectual Property