

## PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

EPAS ID: PAT6840025

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
NANCY J. SULLIVAN	11/27/2012
GARY J. NABEL	11/20/2012
CLEMENT ASIEDU	11/20/2012
CHENG CHENG	11/20/2012
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	THE GOVERNMENT OF THE UNITED STATES OF AMERICA AS REPRESENTED BY THE SECRETARY OF THE DEPARTMENT OF HEALTH AND HUMAN SERVICES
<b>Street Address:</b>	6011 EXECUTIVE BOULEVARD
<b>Internal Address:</b>	SUITE 325
<b>City:</b>	ROCKVILLE
<b>State/Country:</b>	MARYLAND
<b>Postal Code:</b>	20852-3804
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	17389421
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(703)787-7557
<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>	
<b>Phone:</b>	7037879400
<b>Email:</b>	whitney@wcc-ip.com
<b>Correspondent Name:</b>	W&C IP
<b>Address Line 1:</b>	11491 SUNSET HILLS ROAD
<b>Address Line 2:</b>	SUITE 340
<b>Address Line 4:</b>	RESTON, VIRGINIA 20190
<b>ATTORNEY DOCKET NUMBER:</b>	03740030C2
<b>NAME OF SUBMITTER:</b>	WHITNEY C. FIELDS
<b>SIGNATURE:</b>	/Whitney C. Fields/
<b>DATE SIGNED:</b>	07/30/2021

**Total Attachments: 6**

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**PATENT**

**REEL: 057029 FRAME: 0328**

ASSIGNMENT

JOINT

WHEREAS, We, **Nancy J. Sullivan**, residing at 4217 Colchester Drive, Kensington MD 20895, United States; **Gary J. Nabel**, residing at 2520 30<sup>th</sup> Street, NW, Washington D.C. 20008, **Clement Asdicu**, residing at 18141 Marksmen Circle, Diney, MD, #101, 20832, and **Cheng Cheng**, residing at 12004 Montrose Village Terrace, Rockville MD 20852, employees of the Department of Health and Human Services at the time the invention was made, have invented (title of invention): DNA-PROTEIN VACCINATION PROTOCOLS, for which an application to the Commissioner for Patents for grant of Letters Patents of the United States of America has been executed by the undersigned

☐ on (date(s) Declaration signed):

☒ is identified as U.S. Patent Application:

Serial No. 13/641,655, which is a US Nat'l Phase (371) of  
PCT/US2011/032682; and

WHEREAS, the conditions under which said invention was made are such as to entitle the Government of the United States of America under Paragraph 1(a) of Executive Order 10096, to the entire right, title, and interest herein, both domestic and foreign; and

WHEREAS, the Government of the United States of America is desirous of acquiring all domestic and foreign right, title, and interest in the aforesaid invention described in the aforesaid application for Letters Patent of the United States of America; and

NOW, THEREFORE, to all whom it may concern, be it known that for and in consideration of the premises and other valuable considerations, we the undersigned, have sold, assigned, and transferred and by these presents do sell, assign, and transfer unto **The Government of the United States of America as represented by the Secretary of the Department of Health and Human Services** (hereinafter THE GOVERNMENT), and his successors, the full and exclusive right, title, and interest throughout the United States of America, its territories and dependencies, and within each and every foreign country in which THE GOVERNMENT elects to file the invention described in the aforesaid application for Letters Patent of the United States of America, and all Letters Patents and Registrations which may be granted on the same in the United States of America and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

PATENT

REEL: 029553 FRAME: 0248

PATENT

REEL: 057029 FRAME: 0329

AND, we hereby authorize and request the Commissioner for Patents to issue said Letters Patent to THE GOVERNMENT as assignee of the entire right, title, and interest in and to the same throughout the United States of America, its territories and dependencies, and within each and every foreign country in which THE GOVERNMENT elects to file, for the sole use for the full term or terms for which said Letters Patent and Registrations may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof which may be granted as fully and entirely as the same would have been held by us, had this assignment not been made;

AND, we hereby warrant that there are no outstanding assignments, grants, liens, encumbrances, or agreements either written, oral, or implied with respect to the aforesaid application for Letters Patent which will impair, diminish, limit, or abridge the interest herein conveyed at the time of the execution of this instrument by us;

AND, we hereby agree to execute any and all applications for Letters Patent in the United States of America and foreign countries, and to furnish and deliver to the Secretary, Department of Health and Human Services, upon request, all data and documents, and to execute any papers which may be necessary for the prosecution of any application or applications of Letters Patent or for THE GOVERNMENT to exercise its rights granted hereunder, including communicating to THE GOVERNMENT, its representatives or agents, any facts relating to said invention, including evidence for interference purposes, or for other proceedings, whenever requested, to testify in any interference or other proceedings, whenever requested, and to execute and deliver on request all lawful papers required to make any of the foregoing provisions effective, and likewise make these provisions binding upon our heirs, legal representatives, administrators and assigns, and we shall assist THE GOVERNMENT in every way as may be requested in protecting said invention, provided that any expense of extending such assistance shall be paid by THE GOVERNMENT.

The undersigned hereby grants THE GOVERNMENT or the law firm of Townsend and Townsend and Crew LLP, the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

IN TESTIMONY WHEREOF, Assignors have signed their names on the dates indicated.

Nancy J. Sullivan  
Nancy J. Sullivan

11/27/12  
(date)

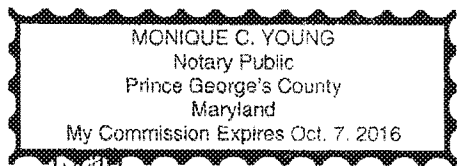
STATE OF Maryland )

COUNTY OF Montgomery )

UNITED STATES OF AMERICA

On Nov 27, 2012, before me, Monique Young (here insert name and title of the officer), personally appeared Nancy J. Sullivan, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, execute the instrument.

WITNESS my hand and official seal.



Signature Monique Young

SIGNATURE WITNESSED BY:

(1) Date: \_\_\_\_\_

\_\_\_\_\_  
Signature of Witness 1

(2) Date: \_\_\_\_\_

\_\_\_\_\_  
Signature of Witness 2

Gary J. Nabel  
Gary J. Nabel

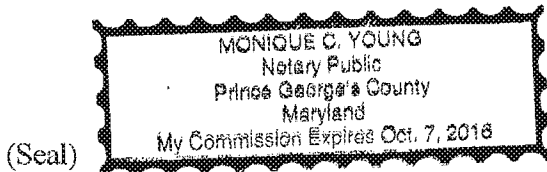
11/20/12  
(date)

STATE OF Maryland )  
COUNTY OF Montgomery )

UNITED STATES OF AMERICA

On Nov. 20, 2012, before me, Monique Young (here insert name and title of the officer), personally appeared Gary J. Nabel, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, execute the instrument.

WITNESS my hand and official seal.



Signature Monique Young

SIGNATURE WITNESSED BY:

(1) Date: \_\_\_\_\_

\_\_\_\_\_  
Signature of Witness 1

(2) Date: \_\_\_\_\_

\_\_\_\_\_  
Signature of Witness 2

Clement Asiedu

Clement Asiedu

11/20/12

(date)

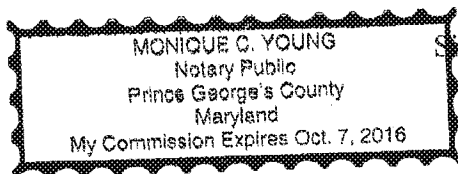
STATE OF MD )

COUNTY OF MONTGOMERY )

UNITED STATES OF AMERICA

On Nov. 20, 2012, before me, Monique Young (here insert name and title of the officer), personally appeared Clement Asiedu, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, execute the instrument.

WITNESS my hand and official seal.



Signature

Monique Young

SIGNATURE WITNESSED BY:

(1) Date: \_\_\_\_\_

Signature of Witness 1

(2) Date: \_\_\_\_\_

Signature of Witness 2

Cheng Cheng  
Cheng Cheng

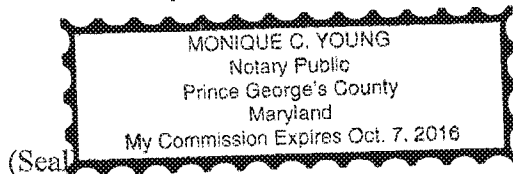
Nov 20 2012  
(date)

STATE OF Maryland )  
COUNTY OF Montgomery )

UNITED STATES OF AMERICA

On November 20, 2012 before me, Monique Young (here insert name and title of the officer), personally appeared Cheng Cheng, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, execute the instrument.

WITNESS my hand and official seal.



Signature Monique Young

SIGNATURE WITNESSED BY:

(1) Date: \_\_\_\_\_

\_\_\_\_\_  
Signature of Witness 1

(2) Date: \_\_\_\_\_

\_\_\_\_\_  
Signature of Witness 2

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