506496216 02/09/2021

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6542992

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the INVENTOR NAMES previously recorded on Reel 047841 Frame 0895. Assignor(s) hereby confirms the ASSIGNMENT.

CONVEYING PARTY DATA

Name	Execution Date
JENNIFER THOMAS	02/17/2011
XIN WANG	02/17/2011
RAYDEL ANDERSON	02/17/2011
CYNTHIA HATCHER	02/17/2011
MARY JORDAN THEODORE	02/17/2011
LEONARD W. MAYER	02/17/2011

RECEIVING PARTY DATA

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Street Address:	4770 BUFORD HIGHWAY; MS K-79
City:	ATLANTA
State/Country:	GEORGIA
Postal Code:	30341

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15420836

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NAME OF SUBMITTER:	GLORIA PEREIRA
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PATENT 506496216 REEL: 055265 FRAME: 0588

DATE SIGNED:	02/09/2021
Total Attachments: 7	
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PATENT REEL: 055265 FRAME: 0589 505249906 12/21/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5296687

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JENNIFER THOMAS	02/17/2011
XIN MAIR WANG /gmp 2-9-21/	02/17/2011
CYNTHIA HATCHER	02/17/2011
MARY JORDAN THEODORE	02/17/2011
LEONARD W. MAYER	02/17/2011
RAYDEL ANDERSON /gmp 2-9-21/	02/17/2011

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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15420836

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NAME OF SUBMITTER:	NATASHA M. ROBINSON
SIGNATURE:	/Natasha M. Robinson/
DATE SIGNED:	12/21/2018

PATENT REEL: 053265 FRAME: 0596

505249906

Total Attachments: 5 source=Assignment#page1.tif source=Assignment#page2.tif source=Assignment#page3.tif source=Assignment#page4.tif source=Assignment#page5.tif

PATENT REEL: 053265 FRAME: 0896

ASSIGNMENT

We, Jennifer Thomas, of 2903 Ponderosa Cir.; Decatur, GA 30033, a citizen of the United States of America; Xin Wang, 3252 Landingview Ct, Lilburn, GA 30047, a citizen of the People's Republic of China; Raydel Mair, 997 Sunny Glenn Ct., Lawrenceville, GA 30043, a citizen of the United States of America; Cynthia Hatcher, 111 Dahlgren St, Atlanta, GA 30317, a citizen of the United States of America; Mary Jordan Theodore, 23 Kirkwood Road, Atlanta, GA 30317, a citizen of the United States of America; Leonard W. Mayer, 1703 Little Joe CT., Decatur, GA 30033, a citizen of the United States of America; have invented SELECTIVE DETECTION OF HAEMOPHILUS INFLUENZAE. This is an Assignment of the following rights, title and interest: (check all that apply):

☐ United States of America rights, title and in	terest in the invention.	
Foreign rights, title and interest in the inver	ntion	
An application to the Commissioner for F	Patents of the United States of An	nerica filed
herewith.		
An application to the Commissioner for Pa	tents of the United States of America	ca has beer
executed by the undersigned on:	•	
☑ United States Provisional Patent Application	on Serial No. 61/436,535 filed on .	January 26
2011.		
United States Patent Application Serial No.	,	
Date of Execution:	Date of Filing:	
United States Patent No(s).		
☐ International (PCT Patent Application Seria		filed on
Other (specify):		· ·

We were employed by the Department of Health and Human Services at the time the invention was made. 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 in the invention, in the United States and all other countries throughout the world.

In consideration of our obligations under Executive Order 10096, and other valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we the undersigned, have voluntarily sold, assigned, and transferred and do voluntarily sell, assign, and transfer to:

The Government of the United States of America as represented by the Secretary of the Department of Health and Human Services, Centers for Disease Control and Prevention (hereinafter THE GOVERNMENT), and successors and assigns, our full and exclusive right, title, and interest in the patent application and invention throughout the United States of America, its territories and dependencies, and all other countries. This includes an assignment of all Letters Patent that may be granted on the invention in the United States of America and all countries throughout the world, and any divisional, renewal, continuation in whole or in part, substitution, conversion, reexamination, reissue, prolongation or extension thereof; and the right to claim priority from the patent application as provided for by United States law, the Patent Cooperation Treaty, the European Patent Convention, the Paris Convention, or other applicable

Cooperation Treaty, the European Patent Convention, the Paris Convention, or other applicable law.

We authorize and request the issuance of said Letters Patent to THE GOVERNMENT, as assignee of the entire right, title, and interest to be held as fully and entirely as the same would have been held by us had this assignment not been made.

We warrant that there are no outstanding assignments, grants, liens, encumbrances, or agreements either written, oral, or implied that will impair, diminish, limit, or abridge the interest herein conveyed at the time of the execution of the present assignment.

We also agree upon reasonable request to communicate to THE GOVERNMENT, its representatives, assigns or agents, any facts known to us respecting the invention, and to testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths, provide all requested documents, and do everything reasonably possible to aid THE GOVERNMENT and its assigns to obtain and enforce proper patent protection for the invention in the United States or any foreign country. These provisions are binding upon our heirs, legal representatives, administrators and assigns.

We have authorized THE GOVERNMENT to file and prosecute this patent application, as well as any corresponding international or national applications that claim priority from it. THE GOVERNMENT has the right to select attorneys or agents of its choice to prosecute at its discretion these applications on its behalf.

We grant THE GOVERNMENT, the power to insert on this Assignment any further information that may be necessary or desirable in order to comply with all applicable legal requirements, including the rules of the United States Patent and Trademark Office, for submitting and recording this document.

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

Dated: Feb 17, 2011	19Thomas
STATE OF Georgia	Jennifer THOMAS
	S.
This 17 day of February	2011, before me personally came the above-named regoing Assignment in my presence, and who
	ted under that person's own free will for the purposes set
forth therein.	
BINNING BROWN	Stately Bubble for
[SEAL] EXPIRES GEORGIA MAY 5, 2013	Nothing Public for July 2015 My commission expires: 112 5 2005
[SEAL] EXPIRES GEORGIA MAY 5, 2013	
WETT COMMEN	Boro 2 of 5

Page 2 of 5

CDC Tech. ID No. 1-015-10	
Dated: <u>02 - 17 - 2011</u>	- H
STATE OF <u>Greatgia</u>) ss. COUNTY OF <u>Gwignett</u>	Xin WANG
Wang, who executed the foregoing Assig	II, before me personally came the above-named Xin nment in my presence, and who acknowledged to me on free will for the purposes set forth therein.
NOTARY PUBLIC Henry County - State of Georgia [SEA _] My Comm. Expires Apr. 7, 2014	Notary Public for <u>C.E.C.A.A</u> My commission expires: <u>April 7</u> - ROIH
Dated: <u>02-17-2011</u>	Pillaria
STATE OF <u>Georgia</u>) ss. COUNTY OF Gwinness	Raydel MAIR
Raydel Mair, who executed the foregoing	011, before me personally came the above-named Assignment immy presence, and who acknowledged to sown free will for the purposes set forth therein.
[SEAL] EXPINES GEORGIA: EXPINES AND SUBLICITY CONTINUED IN CONTINUED I	Notary Public for June 14 Jack My commission expires: 170 Jack

My commission expires:

Dated: 02-17-2011

STATE OF Georgia

Leonard W. MAYER

COUNTY OF Gwinness

This 17 day of February 2011, before me personally came the above-named Leonard W. Mayer, who executed the foregoing Assignment in my presence, and who acknowledged to me that it was executed under that person's own free will for the purposes set forth therein.

GEV S. GE

Motary Public &

My commission expires:

Page 5 of 5