507357594 06/28/2022

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
RICHARD J. PORAMBO	01/30/2018
CHITRANANDA ABEYGUNAWARDANA	01/30/2018
LUWY KAVUKA MUSEY	01/30/2018
MICHAEL J. KOSINKSI	01/30/2018
YADONG ADAM CUI	01/30/2018

RECEIVING PARTY DATA

Name:	MERCK SHARP & DOHME CORP.
Street Address:	126 EAST LINCOLN AVENUE
City:	RAHWAY
State/Country:	NEW JERSEY
Postal Code:	07065

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17848466

CORRESPONDENCE DATA

Fax Number:

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.

Email: US-DOCKET-PATENT@MERCK.COM

Correspondent Name: MERCK

Address Line 1:126 EAST LINCOLN AVENUEAddress Line 4:RAHWAY, NEW JERSEY 07065

ATTORNEY DOCKET NUMBER:	24497 - US DIV
NAME OF SUBMITTER:	CHRISTINE KANELLIDIS
SIGNATURE:	/Christine Kanellidis/
DATE SIGNED:	06/28/2022

Total Attachments: 5

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PATENT REEL: 060332 FRAME: 0259

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> PATENT REEL: 060332 FRAME: 0260

Attorney Docket No.:24497

WORLDWIDE ASSIGNMENT

WHEREAS, I/WE,

(1)	Richard J. Porambo	located at	Norristown, Pennsylvania		
(2) Chitrananda Abeygunawardana,		located at	Ambler, Pennsylvania	ila	
(3)	Luwy Kavuka Musey	located at	Blue Bell, Pennsylvania		
(4)	Michael J. Kosinski	located at	Souderton, Pennsylvania		
(5)	Yadong Adam Cui ,	located at	Norristown, Pennsylvania		

(hereinafter ASSIGNOR(S)), is/are the inventor(s) of the invention described in an application for Patents having the Attorney Docket Number indicated above and the following Title of the Invention:

PNEUMOCOCCAL POLYSACCHARIDES AND THEIR USE IN IMMUNOGENIC POLYSACCHARIDE-CARRIER PROTEIN CONJUGATES

and/or in the following application(s):

U.S. Provisional Application No. 62/555,45	filed on September 7, 2017;
U.S. Application No. 16/645,023	having a filing date of March 6, 2020; and
PCT International Application No.	having a filing date of

WHEREAS I/WE covenant that the rights and property herein conveyed are free and clear of any encumbrance, and that I/we have the full right to convey the same as herein expressed.

WHEREAS, Merck Sharp & Dohme Corp., a corporation organized under the laws of the State of New Jersey, having an office at 126 East Lincoln Avenue, Rahway, New Jersey 07065, and its successors, assigns and legal representatives (hereinafter **ASSIGNEE**), is desirous of obtaining the entire right, title and interest in, to and under the invention disclosed in said application or applications;

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, I/we, said ASSIGNOR(S), do each hereby sell, assign and transfer or confirm the grant and assignment to said ASSIGNEE my/our entire right, title and interest in all countries of the world in and to my/our invention described in said application for Patents, in and to the right to file patent applications in the name of ASSIGNEE, its designee, or in any or all of our names, at its election, on the aforesaid invention in all countries of the world, together with all rights of priority in the aforesaid countries deriving from the above-identified application for Patents under the International Convention for the Protection of Industrial Property, under the Inter-American Convention relating to Inventions, Patents, Designs and Industrial Models and under any other international arrangement relating to patents or intellectual property, in and to any and all Letters Patent that are granted from the aforesaid application for Patents, in and to any applications claiming priority benefits to a provisional patent application or other applications filed on said invention, and in and to any continuations, divisions, reexaminations, reissues, renewals and extensions thereof of any of said Letters Patent, the same to be held and enjoyed by said ASSIGNEE, to the full ends of the terms for which all Letters Patent therefore may be granted, as fully and entirely as the same would have been held and enjoyed by us if this assignment and sale had not been made.

AND I/WE HEREBY covenant and agree that we will at any time, upon the request and at the expense of ASSIGNEE, without further compensation or charge to said ASSIGNEE, execute and deliver any and all documents that may be necessary or desirable to perfect the title to the foregoing invention, patent applications, and Letters Patent and continuations, divisions, reexaminations, reissues, renewals and extensions thereof in the name of ASSIGNEE, including the execution and procurement of any and all further documents evidencing this assignment and sale as may be necessary or desirable for recording the same in the Patent Office of any country concerned, and will make all rightful oaths and declarations and do all lawful acts requisite for procuring the same or for aiding therein.

I/WE HEREBY authorize ASSIGNEE to insert in this instrument the Application Number(s) and the filing date(s) of said application for Patents when officially notified thereof.

This document may be executed in any number of counterparts, each of which so executed shall be deemed to be an original, but all such components shall together constitute but one and the same document.

Executed this <u>Jo</u> day of <u>JAM ANY</u> , 20 18.
Richard J. Porambo
ACKNOWLEDGEMENT
Commonwealth of Planayluania)
County of Managemen) s.s.:
On this day of Joyuco , 2018, personally appeared before me <u>Richard J. Porambo</u> to me known, and known by me to be the same person described in and who executed the foregoing instrument, and acknowledged that he (she) executed the same, of his (her) own free will for the purpose set forth.
(Seal)
COMMONWEALTH OF PENNSYLVANIA NOTARIAL SEAL Dorothy M. Miller, Notary Public Upper Gwynedd Twp., Montgomery County My Commission Expires May 14, 2021 UEMBER, PENNSYLVANIAASSOCIATION OF NOTANIES
Executed this 30 day of 30 , 2018
Chitrananda Abeygahawardana
ACKNOWLEDGEMENT
Commonwealth of <u>Femnessia</u>
County of Managery (S.S.:)
On this day of arms, 20 personally appeared before me Chitrananda Abeygunawardana to me known, and known by me to be the same person described in and who executed the foregoing instrument, and acknowledged that he (she) executed the same, of his (her) own free will for the purpose set forth.
(Seal) Thorough, Ni OO 1
COMMONWEALTH OF PENNSYLVANIA NOTARIAL SEAL Dorothy M. Miller, Notary Public Upper Gwynedd Twp., Montgomery County My Commission Expires May 14, 2021

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Executed this 32 day of Jaway, 2018	
Luwy Kavuka Musey	
ACKNOWLEDGEMENT	
Commonwealth of Pennsylvania)
On this O day of Tanual , 2018 known, and known by me to be the same person describ acknowledged that he (she) executed the same, of his (his control of the same).) , personally appeared before me <u>Luwy Kavuka Musey</u> to me ed in and who executed the foregoing instrument, and
(Seal) COMMONWEALTH OF PENNSYLVANIA NOTARIAL SEAL Dorothy M. Miller, Notary Public Upper Gwynedd Twp., Montgomery County My Commission Expires May 14, 2021 MEMBER, PENNSYLVANIAASSOCIATION OF NOTARIES	Nogary Public
Executed this oday of Im., 2018. Michael J. Kosinski	
ACKNOWLEDGEMENT	
Commonwealth of how Sufficiency of s.s.: On this day of an uniform 20 18 known, and known by me to be the same person describe acknowledged that he (she) executed the same, of his (h) } }personally appeared before me <u>Michael J. Kosinskí</u> to me ed in and who executed the foregoing instrument, and er) own free will for the purpose set forth.
(Seal)	ose on him
COMMONWEALTH OF PENNSYLVANIA NOTARIAL SEAL Dorothy M. Miller, Notary Public Upper Gwynedd Twp., Montgamery County My Commission Expires May 14, 2021 MEMBER, FENNSYLVANIAASSOCIATION OF NOTARIES	Notary Public

REEL: 060332 FRAME: 0263

Executed this 30% day of January, 2018

Yadong Adam Cui

ACKNOWLEDGEMENT

County of Montague) s.s.:

On this day of <u>Any Law</u>, 20 personally appeared before me <u>Yadong Adam Cui</u> to me known, and known by me to be the same person described in and who executed the foregoing instrument, and acknowledged that he (she) executed the same, of his (her) own free will for the purpose set forth.

(Seal)

Notary

COMMONWEALTH OF PENNSYLVANIA

NOTARIAL SEAL

Dorothy M. Miller, Notary Public

Upper Gwynedd Twp., Montgomery County

My Commission Expires May 14, 2021
MEMBER, PENNSYLVANIA ASSOCIATION OF NOTARIES

REEL: 060332 FRAME: 0264

Accepted and agreed	to by ASSIGNEE	Merck Sharn	& Dohme Corp.
Accepted and agreed	TO DY MODIOISELL	MCICK CHAID	C DOMING COR

Signature:

Laura M. Ginkel

Title:

AVP & Managing Counsel, Legal

Date:

3/4/2020

ACKNOWLEDGEMENT

State of New Jersey

) s.s.:

County of Union

On this 4 day of 10 arch, 2020, personally appeared before me Laura M. Ginkel to me known, and known by me to be the same person(s) described in and who executed the foregoing instrument, and acknowledged that he (she) executed the same, of his (her) own free will for the purpose set forth.

(Seal)

-

SARBARA MULLER Notary Public of New Jersey My Commission Expires on June 13, 2021

> PATENT REEL: 060332 FRAME: 0265

RECORDED: 06/28/2022