506451537 01/15/2021

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MANUEL DE LERA RUIZ	10/11/2018
IZZAT RAHEEM	10/11/2018
MICHAEL T. RUDD	10/11/2018

RECEIVING PARTY DATA

Name:	MERCK SHARP & DOHME CORP.
Street Address:	126 EAST LINCOLN AVENUE
Internal Address:	RY86-2011A
City:	RAHWAY
State/Country:	NEW JERSEY
Postal Code:	07065

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17260619

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.

Phone: 732-594-4488

Email: US-DOCKET-PATENT@merck.com

Correspondent Name: MERCK

Address Line 1: P O BOX 2000

Address Line 4: RAHWAY, NEW JERSEY 07065-0907

ATTORNEY DOCKET NUMBER:	24599-US-PCT	
NAME OF SUBMITTER:	CHRISTINE KANELLIDIS	
SIGNATURE:	/christine kanellidis/	
DATE SIGNED:	01/15/2021	

Total Attachments: 4

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PATENT 506451537 REEL: 054930 FRAME: 0267

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PATENT REEL: 054930 FRAME: 0268 Attorney Docket No.: 24599

WORLDWIDE ASSIGNMENT

WHEREAS, INVE.

(1) Manuel De Lera Ruiz.

located at Perkasic Pennsylvania, 18944,

(2) izzat Raheem,

located at Doylestown, Pennsylvania, 18901, and

(3) Michael T. Rudd,

located at Collegeville, Pennsylvania, 19426.

(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:

PHOSPHINIC AMIDE PRODRUGS OF TENOFOVIR

and/or in the following application(s):

U.S. Provisional Application No. 62	2/700,691 filed on July 19, 2018;	
U.S. Application No.	having a filing date of	; and
PCT International Application No.	having a filing d	ate 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 Sherp & 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.

Computer Generated Template "Assignment-Merck Sharp & Cohme, Single Assigner Woodwide" (Assignment) Merck Sharp & Cohme Corp., 11/04/2010

Attorney Docket No.: 24599

Executed this <u>//</u> day of <u>000000</u> , <u>2018</u> .
Manuel De Lera Ruiz
ACKNOWLEDGEMENT
Commonwealth of Pennsylvania)
County of losingers as 4) s.s.:
On thisday of
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) NOTARIAL SEAL Ruth A. Culbreath, Notary Public Upper Gwynedd Twp., Montgomery County My Commission Expires Aug. 17, 2020 MEMBER, PENNSYLVANIA ASSOCIATION OF NOTARIES
Executed this day of 2018. Izzat/Rahyeem
ACKNOWLEDGEMENT
Commonwealth of Pennsylvania
County of Marigan Derg) s.s.;
On this <u>//</u> day of <u>October</u> , <u>2018,</u> personally appeared before me <u>tzzat Raheem</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 Notary Public
NOTARIAL SEAL Notary Public Ruth A. Culbreath, Notary Public Upper Gwynedd Twp., Montgomery County My Commission Expires Aug. 17, 2020 MEMBER, PERNSTIVANIA 4850CIATON OF ACTARES

Page 2 of 3
Computer Generated Temptate "Assignment-Marck Sharp & Dohme, Single Assignee Worldwide" (Assignment) Merck Sharp & Dohme Corp., 11704/2019

Attorney Docket No.: 24599

Executed this <u>A</u> day of <u>Othler</u> 2	<u>2018</u> .
Michael T. Rudd	
ACKNOWLEDGEMENT	
Communica His of Perseylyama)	
County of historias society	\$.\$.;
	, <u>2018</u> , personally appeared before me Michael T. Rudd to me known, and in and who executed the foregoing instrument, and acknowledged that
he (she) executed the same, of his (her) own free	
(Seal)	Russ a Cullingary
COMMONWEALTH OF PENNSYLVANIA NOTARIAL SEAL Ruth A. Culbreath, Notary Public Upper Gwynedd Twp., Montgamery Caunty My Commission Expires Aug. 17, 2020 MEMBER, PENNSYLVANIA ASSOCIATION OF NOTARES	Notary Public

REEL: 054930 FRAME: 0271

Accepted and agreed to by ASSIGNEE Merck Sharp & Dohme Corp.

Signature: John C. Todaro

Title: Managing Counsel, Patents

Date: (3|3/2018

Personally appeared before me the above named John C. Todaro to me known and known to me to be the person who executed the foregoing instrument and acknowledged said instrument to be his free act and deed this Sday of October 2018.

Witness one: (1) Ahra Larvia Signature: Nithing Milling Milling Signature: Print Name: Kelly Ann Panno Print Name: Christine Kanellidis

RECORDED: 01/15/2021 REEL: 054930 FRAME: 0272