505807395 12/06/2019

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
DANE JAMES CLAUSEN	12/05/2017
JAMES I. FELLS	12/04/2017
JOSEPH A. KOZLOWSKI	11/27/2017
PING LIU	11/27/2017
ROBERT D. MAZZOLA JR.	11/28/2017

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:	16620046

CORRESPONDENCE DATA

Fax Number: (732)594-4720

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: 732-594-4700

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:	24471-US-PCT
NAME OF SUBMITTER:	PIA PARAS-SANJURJO
SIGNATURE:	/PIA PARAS-SANJURJO/
DATE SIGNED:	12/06/2019

Total Attachments: 4

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PATENT REEL: 051200 FRAME: 0139

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> PATENT REEL: 051200 FRAME: 0140

WORLDWIDE ASSIGNMENT

WHEREAS, I/WE,

- (1) Dane James Clausen, located at Bridgewater, New Jersey,
- (2) James I. Fells, located at Whitehouse Station, New Jersey,
- (3) Joseph A. Kozlowski, located at Princeton, New Jersey,
- (4) Ping Liu, located at Westfield, New Jersey,
- (5) Robert D. Mazzola Jr., located at Stewartsville, New Jersey,

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

AZABICYCLO[4.1.0]HEPTANE ALLOSTERIC MODULATORS OF THE M4 MUSCARINIC ACETYLCHOLINE RECEPTOR

and in the following application(s):

U.S. Provisional Application No. 62/517,	375 filed on <u>June 09, 2017</u> ;	
U.S. Application No.	having a filing date of	; and
PCT International Application No.	having a filing dat	e 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.

Computer Generated Template "Assignment-Blank Multiple Assignees Worldwide" (Assignment) Merck Sharp & Dohme Corp. 07/09/2010

Executed this day of, 2	20 <u>1 📆 .</u>
On this day of,	20, personally appeared before me Dane James Clausen rson described in and who executed the foregoing instrument, and this (her) own free will for the purpose set forth. Notary Public DINA A. KUSTER
Executed this day of	NOTARY PUBLIC OF NEW JERSEY My Commission Expires 8/7/2020
On this day of COUNTY.	20, personally appeared before me <u>James I. Fells</u> rson described in and who executed the foregoing instrument, and his (her) own free will for the purpose set forth.
(Seal)	Notary Public DINA A. KUSTER NOTARY PUBLIC OF NEW JERSEY My Commission Expires 8/7/2020

Page 2 of 4 Computer Generated Template "Assignment-Blank Multiple Assignees Worldwide" (Assignment) Merck Sharp & Dohme Corp. 07/09/2010

Executed this 27th day of	20 <u>17</u> .
Q1 61 h	
Joseph A. Kozlowski	
, ,	
ACKNOWLEDGEMENT	
State of Naw Jacob	
County of Union)*	S.Š.:
On this day of Very 20, 20	personally appeared before me <u>Joseph A. Kozlowski</u>
to me known, and known by me to be the same pe acknowledged that he (she) executed the same, of	rson described in and who executed the foregoing instrument, and
(Seal)	The same of the same and
	Notary Public
	DINA A. KUSTER
	NOTARY PUBLIC OF NEW JERSEY
	My Commission Expires 8/7/2020
and the second	
Executed this	20 <i></i>
Ping Liu	
ring Lig	
ACKNOWLEDGEMENT	
<u> Man of New Jeny</u>	3.S.:
County of William)	
	personally appeared before me <u>Ping Liu</u>
to me known, and known by me to be the same pe acknowledged that he (she) executed the same, of	rson described in and who executed the foregoing instrument, and f his (her) own free will for the purpose set forth.
(Seal)	Nin O Kindre
	Notary Public
	DINA A. KUSTER
	NOTARY PUBLIC OF NEW JERSEY
	My Commission Expires 8/7/2020

Page 3 of 4 Computer Generated Template "Assignment-Blank Multiple Assignees Worldwide" (Assignment) Merck Sharp & Dohme Corp. 07/09/2010

Executed this 28 day of November 1, 20 17

ACKNOWLEDGEMENT

On this day of , 20, personally appeared before me Robert D. Mazzola Jr. 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)

DINA A. KUSTER NOTARY PUBLIC OF NEW JERSEY My Commission Expires 8/7/2020

RECORDED: 12/06/2019