PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
YONGXIN HAN	04/15/2016
JONGWON LIM	04/15/2016
PHIENG SILIPHAIVANH	04/15/2016
KERRIE SPENCER	04/15/2016

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:	15767371

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: 732 594-4000
Email: us_efs@merck.com
Correspondent Name: MERCK & CO., INC.
Address Line 1: P. O. BOX 2000
Address Line 2: RY86-2011A

Address Line 4: RAHWAY, NEW JERSEY 07065

ATTORNEY DOCKET NUMBER:	24230-US-PCT
NAME OF SUBMITTER:	PAMELA SPALDING
SIGNATURE:	/Pamela Spalding/
DATE SIGNED:	04/11/2018

Total Attachments: 3

PATENT REEL: 045504 FRAME: 0383 source=24230USPCT-MRKASSIGN-11APR2018#page1.tif source=24230USPCT-MRKASSIGN-11APR2018#page2.tif source=24230USPCT-MRKASSIGN-11APR2018#page3.tif

> PATENT REEL: 045504 FRAME: 0384

Attorney Docket No.: 24230

WORLDWIDE ASSIGNMENT

WHEREAS, I/WE,

- (1) Yongxin Han, located at Needham, MA
- (2) Jongwon Lim, located at Lexington, MA
- (3) Phieng Siliphaivanh, located at Newton, MA
- (4) Kerrie Spencer, located at Woonsocket, RI

(hereinafter ASSIGNOR(S)), together with <u>Satyanarayana Tummanapalli</u>, located at <u>Hyderabad</u>, <u>India</u>, 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:

ARYL ACYLSULFONAMIDES AS BLT1 ANTAGONISTS.

and	in	the	fol	llowing	appl	lica	tion	S) :
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U.S. Provisional Application No. $\underline{62/260,950}$ fi	led on 11/30/2015;	
U.S. Application No15/767,371	having a filing date of	f <u>4/11/2018</u> ; and
PCT International Application No. PCT/US2016	/063806 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.

Attorney Docket No.: 24230

Executed this
Yongxin Han
ACKNOWLEDGEMENT
Commonwealth of Massachusetts
On this day of, 20, before me, the undersigned notary public, personally Yongxin Han proved to me through satisfactory evidence of identification, which was, to be the person whose name is signed on the preceding document, and acknowledged to me that he/she signed it voluntarily for its stated purpose.
Molary Public: My Commission Expires: 4 3 3 20 JEANNE F Notary COMMONWEALTH OF Management of the community of the communi
Jongwort Lim
ACKNOWLEDGEMENT
Commonwealth of Massachusetts
County Name, ss. <u>Suffolk</u>
On this
acknowledged to me that he/she signed it voluntarily for its stated purpose.
Deanie & Callinan
Notary Public: My Commission Expires: 9/23/22
JEANNE F. CALLINAN Notary Public COMMONWEALTH OF MASSACHUSETTS

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Computer Generated Template "Assignment-Merck Sharp & Dohme. Multiple Assignees Worldwide" (Assignment-Merck Sharp & Dohme.

My Commission Expires September 23, 2022 PATENT Attorney Docket No.: 24230

Executed this
Phiếng Siliphrativanh
ACKNOWLEDGEMENT
Commonwealth of Massachusetts
On this
Notary Public: My Commission Expires: 7/23/22
Executed this
ACKNOWLEDGEMENT
Commonwealth of Massachusetts
County Name, ss. <u>Suffolk</u>
On this 15 day of
Notary Fublic: My Commission Expires: 9/23/20
JEANNE F. CALLINAN Notary Public COMMONWEALTH OF MASSACHUSETTS My Commission Expires September 23, 2022

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

REEL: 045504 FRAME: 0387