

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
RONGQIANG LIU	09/25/2015
RECEIVING PARTY DATA	
Name:	MSD R&D (CHINA) CO., LTD.
Street Address:	19-21/F PARK PLACE, 1601 NANJING ROAD (WEST)
City:	JING'AN DISTRICT, SHANGHAI
State/Country:	CHINA
Postal Code:	200040
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15513854
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ATTORNEY DOCKET NUMBER:	23829
NAME OF SUBMITTER:	VIRGINIA M. FINNO-SORRENTINO
SIGNATURE:	/VIRGINIA M. FINNO-SORRENTINO/
DATE SIGNED:	03/26/2017
Total Attachments: 3	
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WORLDWIDE ASSIGNMENT

WHEREAS, I/WE,

1 RONGQIANG LIU located at SHANGHAI, CHINA

(hereinafter ASSIGNOR(S)), together with

1	JIAQIANG CAI	located at	SHANGHAI, CHINA
2	ALEJANDRO CRESPO	located at	EDISON, NJ
3	JOHN DEBENHAM	located at	SCOTCH PLAINS, NJ
4	XIAOXING DU	located at	SHANGHAI, CHINA
5	PING LIU	located at	WESTFIELD, NJ
6	CRISTINA B. MADSEN-DUGGAN	located at	SCOTCH PLAINS, NJ
7	WEIGUO QUAN	located at	SHANGHAI, CHINA
8	CHRISTOPHER SINZ	located at	MIDDLETOWN, NJ
9	LIPING WANG	located at	CRANBURY, NJ

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:

INHIBITORS OF HIF PROLYL HYDROXYLASE

and in the following application(s):

U.S. Provisional Application No.		having a filing date of	
PCT International Application No.	<u>PCT/CN2014/087696</u>	having a filing date of	<u>SEPTEMBER 28, 2014</u>
U.S. 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, MSD R&D (CHINA) CO., LTD. a corporation organized under the laws of China having an office at 19-21/F Park Place, 1601 Nanjing Road (West), Jing'an District Shanghai 200040 China 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 25th day of September 2015

[Signature]
RONGQIANG LIU

ACKNOWLEDGEMENT

STATE OF NEW JERSEY)
COUNTY OF Union) ss:

On this 25th day of September, 2015,
personally appeared before me **RONGQIANG LIU** 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)

Christine M. Kanellidis

Notary Public

CHRISTINE M. KANELLIDIS
Notary Public of New Jersey
I.D. # 2442057
Commission Expires January 9, 2019