

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	YIMIN QIAN	05/07/2016
RECEIVING PARTY DATA		
Name:	MSD R & D (CHINA) CO. LTD.	
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City:	SHANGHAI	
State/Country:	CHINA	
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PROPERTY NUMBERS Total: 1		
Property Type	Number	
Application Number:	15574411	
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NAME OF SUBMITTER:	CHRISTINE M . KANELIDIS	
SIGNATURE:	/CHRISTINE M. KANELIDIS/	
DATE SIGNED:	11/20/2017	
Total Attachments: 2		
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WORLDWIDE ASSIGNMENT

WHEREAS, I/WE,

(1) Yimin Qian, located at Plainsboro, NJ

(hereinafter ASSIGNOR(S)), together with Dong Ming Shen, Edison, NJ, Michael Dwyer located at Scotch Plains NJ; Christopher J. Sinz located at Middletown, NJ; Deping Wang located at Furlong, PA; Shawn J. Stachel, located at Perkasio, PA; Daniel V. Paone located at Lansdale, PA; Ashley Forster located at Harleysville, PA; Richard Berger, located at Harleysville, PA; William D. Shipe located at Chalfont, PA; Yili Chen located at Hillsborough, NJ; Shimin Xu located at Beijing, China; Chunmei Hu located at Beijing, China; Jianmin Fu located at Beijing, China; Zhigang Guo located at Beijing, China; Haitang Li located at Beijing China and Yingjian Bo located at Beijing China; 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: 6-ALKYL DIHYDROPIRAZOLOPYRIMIDINONE COMPOUNDS AS PDE2 INHIBITORS

and in the following application(s):

U.S. Provisional Application No. filed on;

U.S. Application No. _____ having a filing date of _____; and

PCT International Application No. PCT/CN15/080267 having a filing date of May 29, 2016.

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 19-21F Park Place, 1601 Nanjing Road, Jingan 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 14 day of May, 2016.


Yimin Qian

ACKNOWLEDGEMENT

) New Jersey
County of Middlesex,) s.s.:

On this 7 day of May, _____ personally appeared before me **Yimin Qian** 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)


NOTARY PUBLIC

REGAN L. TUERFF
Notary Public
State Of New Jersey
My Commission Expires March 7, 2017
ID# 241810

[Type text]