505243572 12/18/2018

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
LIEVEN MEERPOEL	05/15/2017

RECEIVING PARTY DATA

Name:	JANSSEN PHARMACEUTICA NV	
Street Address:	TURNHOUTSEWEG 30	
City:	BEERSE	
State/Country:	BELGIUM	
Postal Code:	B-2340	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15537519

CORRESPONDENCE DATA

Fax Number: (732)524-2808

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: 7325242825

Email: jnjuspatent@corus.jnj.com

Correspondent Name: JOSEPH F. SHIRTZ

Address Line 1: ONE JOHNSON & JOHNSON PLAZA
Address Line 4: NEW BRUNSWICK, NEW JERSEY 08933

ATTORNEY DOCKET NUMBER:	JAB6031USPCT	
NAME OF SUBMITTER:	DENISE MATTOS-BOSQUE	
SIGNATURE:	/Denise Mattos-Bosque/	
DATE SIGNED:	12/18/2018	

Total Attachments: 2

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PATENT 505243572 REEL: 047952 FRAME: 0397

Attorney Docket No.: JAB6031USPCT

COMBINED DECLARATION AND ASSIGNMENT

Title of Invention: HETEROCYCLYL LINKED IMIDAZOPYRIDAZINE DERIVATIVES AS PI3KB INHIBITORS

		** ****** * *****
This declaration and assignment is directed t	o: D	The attached or filed herewith application of (list of named inventors),
	or	
		The United States application or PCT international application number PCT/EP2015/080623 filed on December 18, 2015.
Declaration		
As the below named inventor, I her	eby decla	are that:
The above-identified application ("	Applicat	ion") was made or authorized by me.
I believe that I am the original inve	ntor or a	n original inventor of a claimed invention or discovery in the Application.
	ty as def	its of the Application, including the claims, and I acknowledge the duty to disclose ined in Title 37, the United States Code of Federal Regulations, §1.56 for filings of
		statement made in this declaration is punishable under 18 U.S.C. § 1001 by fine or for filings of this. Application in the United States of America.
☑ I hereby acknowledge that I have	A corpo (here assigned	NV, Turnhoutseweg 30, B-2340 Beerse, Belgium station of the state or country of Belgium inafter designated as the "Assignee"), the above-identified invention by previous assignment (attached hereto) to Assignee Batter Office and London Library and the state and transfer.
or	a ac os	Patent Office and I confirm I have and do assign and transfer:
	tion, the	sufficiency of which is acknowledged, I hereby assign and transfer and/or have
the right to claim priority to the Applicatio States. European Patent Office and of all such inventions or discoveries and all ri- continuations thereof, and to all Letters Pa supplementary protection certificates, reexa	n, all invother coughts in a satent that amination or terms for the satent that are the satent that are the satent that the satent t	the Application, including all priority rights for other countries arising therefrom and entions or discoveries therein disclosed, and any and all Letters Patent of the United entries, which may be granted for such inventions or discoveries, or any of them, all such Application including any and all provisionals, substitutions, divisions, and it may be granted for said inventions and discoveries, and in and to all extensions, s, renewals, and reissues thereof, to be held and enjoyed by Assignee for its own use or which such Letters Patent may be granted, as fully and entirely as the same would ent and sale not been made.
I shall execute all papers necessary in connection with the Application in the United States Patent and Trademark Office, European Patent Office, any other patent offices, and under the Patent Cooperation Treaty, and any continuing, divisional, or reissue applications thereof, any reexamination of any of such applications, and any patent term extensions or supplementary protection certificates of any such applications and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.		

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PATENT REEL: 047952 FRAME: 0398

Attorney Docket No.: JAB6031USPCT

I shall execute all papers necessary in connection with any litigation or any other judicial proceeding in the United States or other country, or any administrative proceeding in the United States Patent and Trademark Office, European Patent Office, any other patent office, or under the Patent Cooperation Treaty concerning the Applications(s) or any continuation, divisional, or reissue applications thereof, or any reexamination of any such applications, or any Letters Patent issued therefrom or any patent term extensions or supplementary protection certificates of any such applications and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such litigation or proceeding.

I shall execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

I shall do all other acts which, in the opinion of Assignee, may be necessary or desirable to secure the grant of Letters Patent to Assignee or its nominees, in the United States, by the European Patent Office and in all other countries where Assignee may desire to have such inventions or discoveries, or any of them, patented, with specifications and claims in such form as shall be approved by Assignee and to vest and confirm in Assignee or its nominees the full and complete legal and equitable title to all such Letters Patent.

I hereby (i) authorize and request the Commissioner of Patents to issue any and all Letters Patent of the United States resulting from the Application or any divisional, continuation, or reissue applications thereof, and any reexamination of any of such applications, to Assignee, and (ii) covenant that I have full right to convey the interest herein assigned, and that I have not executed, and will not execute, any agreement in conflict herewith.

I hereby grant the attorney of record the power to insert on this assignment any further identification which may be necessary or desirable in order to obtain legal recordation of this document.

Meerpoel, Lieven LEGAL NAME OF INVENTOR

Signature

Date

7AY 15th 2017

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