PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT5596445

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ROBERT J. ALTENBACH	01/12/2018
ANDREW BOGDAN	01/12/2018
MARLON D. COWART	01/12/2018
STEPHEN N. GRESZLER	01/12/2018
PHILIP R. KYM	01/24/2018
XUEQING WANG	01/12/2018

RECEIVING PARTY DATA

Name:	ABBVIE S.Á.R.L.
Street Address:	26 BOULEVARD ROYAL
City:	LUXEMBOURG
State/Country:	LUXEMBOURG
Postal Code:	L-2449

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16165662

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NAME OF SUBMITTER:	MELANIE A. BRUNOW	
SIGNATURE:	/melanie a brunow/	
DATE SIGNED:	06/28/2019	

Total Attachments: 7

PATENT REEL: 049620 FRAME: 0747

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ASSIGNMENT

WHEREAS, Robert J. Altenbach of Chicago, IL; Andrew Bogdan of Evanston, IL; Marlon D. Cowart of Round Lake Beach, IL; Stephen N. Greszler of Vernon Hills, IL; Philip R. Kym of Libertyville IL; Xueqing Wang of Northbrook, IL; hereinafter referred to as "Assignors", have made an invention entitled "HETEROARYL SUBSTITUTED PYRIDINES AND METHODS OF USE" and described in U.S. Patent Application Serial Number of 15/602,892 and was filed on May 23, 2017.

WHEREAS, AbbVie S.á.r.l., a corporation having a place of business at 26 Boulevard Royal; L-2449 Luxembourg, hereinafter referred to as "Assignee", desires to acquire the entire right, title and interest in and to the invention and to the patent application identified above, and all patents, foreign and domestic, which may be obtained for said invention, as set forth below.

NOW, THEREFORE, in exchange for valuable and legally sufficient consideration, the Assignors have sold, assigned and transferred, and by these presents do sell, assign and transfer to the Assignee, its lawful successor and assigns, the entire right, title and interest for the United States and elsewhere in and to the invention and the patent application identified above, and any patents that may issue for said invention in the United States and elsewhere; together with the entire right, title and interest in and to said invention and all patent applications, patents, utility models and designs therefore in all countries foreign to the United States, including the full right to claim for any such application all benefits and priority rights under any applicable convention; together with the entire right, title and interest in and to all continuations, divisions, renewals and extensions of any of the patent applications, patents, utility models and designs defined above; to have and to hold for sole and exclusive use and benefit of the Assignee, its successors and assigns, to the full end of the term or terms for all such patents.

The Assignors hereby covenant and agree, for both the Assignors and the Assignors' legal representative, that Assignors have the full right to convey the interest assigned by this Assignment; and that the Assignors will assist the Assignee in the prosecution of the patent applications identified above, in the making and prosecution of any other applications that the Assignee may elect to make covering the invention identified above, in vesting in the Assignee like exclusive title in and to all such other patent applications and patents, in the prosecution of any interference which may arise involving said invention, or any such patent application or patent, and in assisting Assignee in enforcement of any rights arising out of this Assignment; and that the Assignors will execute and deliver to the Assignee any and all additional papers which may be requested by the Assignee to carry out the terms of this Agreement.

The Commissioner of Patents and Trademarks is hereby authorized and requested to issue patents to the Assignee in accordance with the terms of this Assignment.

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Robert J. Altenbach Date Date January 12, 2018
County of
OFFICIAL SEAL NANA LEE CHO NOTARY PUBLIC, STATE OF ILLINOIS My Commission Expires May 16, 2020 (Notary Public)
(Šenill)

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Andrew Bogdan Date
County of <u>Lake</u>) State of <u>I///0/6</u>)
On this 12 day of 1/1/1/1 in the year 20/before me, 1/1/1/1 who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument, and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument, the person or the entity upon behalf of which the person acted, executed the instrument. I certify under PENALTY OF PERJURY under the laws of the State of 1/1/1/2/3 that the foregoing paragraph is true and correct.
WITNESS my hand and official seal.
OFFICIAL SEAL NANA LEE CHO NOTARY PUBLIC, STATE OF ILLINOIS My Commission Expires May 16, 2020 (Notary Public)
(Seal)

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Marlon D. Cowart

County of Lake

State of Tlinds

On this Aday of Jamany in the year 20 defore me, Mana Lee Cho
Notary Public, personally appeared Madam by Exalant, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument, and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument, the person or the entity upon behalf of which the person acted, executed the instrument. I certify under PENALTY OF PERJURY under the laws of the State of that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

OFFICIAL SEAL NANA LEE CHO
NOTARY PUBLIC. STATE OF BLINOIS My Commission Expires May 18, 2020

IN TESTIMONY WHEREOF, the Assignors have executed this agreement.

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(Seal)

IN TESTIMONY WHEREOF, the Assignors ha	ive executed this agreement.
Stephen N. Greszler	
he/she executed the same in his/her authorized capaci) SS. or 20 before me,
the laws of the State ofth. WITNESS my hand and official seal.	ed the instrument. I certify under PENALTY OF PERJURY under at the foregoing paragraph is true and correct.
Signature(Notary Public)	OFFICIAL SEAL NANA LEE CHO NOTARY PUBLIC, STATE OF ILLINOIS My Commission Expires May 18, 2020
	(Seal)

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Rug R. Kom	1-24-2018
Philip R. Kym	Date
satisfactory evidence to be the person whose nam he/she executed the same in his/her authorized car entity upon behalf of which the person acted, exe	year 20// before me, // Complete Comple
the laws of the State of <u>Things</u> WITNESS my hand and official seal.	inal the foregoing paragraph is true and correct.
Signatuss (Notary Public)	OFFICIAL SEAL NANA LEE CHO NOTARY PUBLIC, STATE OF ILLINOIS My Commission Expires May 16, 2020
	(Seal)

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Xueqing V	O Wang		6 /- Date	12-18	······	
State of On this Notary satisfac he/she	executed the same in upon behalf of which		, and that by his/he I the instrument. I	er signature on the interestify under PENA	strument, the person or LTY OF PERJURY us	me
WITNI	ESS my hand and offi	(Notary Public)	NANA NOTARY PUBLIC	IAL SEAL LEE CHO , STATE OF ILLINOIS Expires May 16, 2020		
				(Seal)		-, .

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RECORDED: 06/28/2019

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