503927838 07/22/2016

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:	ASSIGNMENT		

CONVEYING PARTY DATA

Name	Execution Date
DR. LUDWIG ZORN	05/07/2015
DR. KNUT EIS	05/07/2015
DR. VOLKER SCHULZE	05/07/2015
DR. DETLEV SÜLZLE	05/12/2015
DR. FLORIAN PUEHLER	05/07/2015
DR. PHILIP L!ENAU	05/07/2015
DR. ULF BÖMER	05/13/2015
DR. KIRSTIN PETERSEN	05/07/2015
DR. ANDREA HÄGEBARTH	05/06/2015

RECEIVING PARTY DATA

Name:	BAYER PHARMA AKTIENGESCLLSCHAFT		
Street Address:	MÜLLERSTR. 178		
City:	BERLIN		
State/Country:	GERMANY		
Postal Code:	13353		

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14443688

CORRESPONDENCE DATA

Fax Number:

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: 862-404-6067
Email: phplus@bayer.com
Correspondent Name: BAYER CORPORATION
Address Line 1: ASEEM V. MEHTA

Address Line 2: 100 BAYER BOULEVARD

Address Line 4: WHIPPANY, NEW JERSEY 07981-0915

ATTORNEY DOCKET NUMBER: BHC 123013 PCT-US

NAME OF SUBMITTER: CECILIA CHESSELL

PATENT

503927838 REEL: 039235 FRAME: 0119

SIGNATURE:	/Cecilia Chessell/	
DATE SIGNED:	07/22/2016	
	This document serves as an Oath/Declaration (37 CFR 1.63).	
Total Attachments: 4		
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PATENT REEL: 039235 FRAME: 0120

ASSIGNMENT WITH DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63)

ASSIGNMENT

Whereas, I/We, the undersigned inventor(s) hereinafter called assignor(s), have invented certain improvements described in the application identified below; and

Whereas, Bayer Pharma Aktiengesellschaft of Müllerstr. 178, 13353 Berlin, DE, (assignee), desires to acquire the entire right, title, and interest in the application and invention, and to any United States patents to be obtained therefor;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

I/We, the above named assignor(s), hereby sell, assign and transfer to the above named assignce, its successors, legal representatives, and assigns, my/our entire right, title and interest, if any, in the invention and the application for the United States of America, including all direct and indirect divisions, continuations, and continuations-in-part thereof, and all original, extended, reissued, reviewed, and reexamined Letters Patent of the United States, and all countries foreign thereto, that may be granted thereon, including rights of priority under the International Convention of Paris (1883) as amended, including the right to claim priority under 35 U.S.C. §119, and I/we request the Director of the U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and I/we hereby agree that the assignee may apply for foreign Letters Patent on the invention and I/we will without further consideration, communicate all facts know to me/us and execute without further consideration all papers deemed necessary by the assignee in connection with the United States and foreign applications when called upon to do so by the assignee, its successors, legal representatives, or assigns. I/We further represent and warrant that I/We have the full right to convey the interest assigned by this assignment, and that I/We have not granted any rights inconsistent with the rights granted herein. I/We further acknowledge an obligation of assignment of this invention to assignee at the time the invention was made.

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. §261)

DECLARATION

As a belo	ow named inventor, I hereby	decla	re that	this assignment with declaration is directed to:
	The attached application,	OR	\boxtimes	United States Application or PCT International Application Number PCT/EP2013/073793 filed on 2013-11-14 (Confirmation No).

PRE-AIA

My residence, mailing address, and citizenship are as stated below next to my name.

I believe the inventor(s) named below to be the original and first inventor(s) of the subject matter which is claimed and for which a patent is sought on the invention titled:

AMINOIMIDAZOPYRIDAZINES

I hereby state that I have reviewed and understand the contents of the above identified application, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

POST-AIA

The above identified application was made or was authorized to be made by me.

I believe I am the original inventor or an original joint inventor of a claimed invention in the application.

I hereby acknowledge that any willful false statement made in this assignment with declaration is punishable under 18 USC 1001 by fine or imprisonment of not more than five (5) years, or both.

Authorization To Permit Access To Application by Participating Office

☐ If checked, the undersigned hereby grants the USPTO authority to provide the European Patent Office (EPO), the Japan Patent Office (JPO), the Korean Intellectual Property Office (KIPO), the World Intellectual Property Office (WIPO), and any other intellectual property offices in which a foreign application claiming priority to the above-identified application is filed access to the above-identified patent application. See 37 CFR 1.14(c) and (h). This box should not be checked if the applicant does not wish the EPO, JPO, KIPO, or other intellectual property office in which a foreign application claiming priority to the above-identified application is filed to have access to the application.



PATENT REEL: 039235 FRAME: 0121 ŧ,

In accordance with 37 CFR 1.14(h)(3), access will be provided to a copy of the application-as-filed with respect to: 1) the above-identified patent application-as-filed, 2) any foreign application to which the above-identified application claims priority under 35 USC 119(a)-(d) if a copy of the foreign application that satisfies the certified copy requirement of 37 CFR 1.55 has been filed in the above-identified patent application, and 3) any U.S. application-as-filed from which benefit is sought in the above-identified patent application.

In accordance with 37 CFR 1.14(c), access may be provided to information concerning the date of filing the Authorization to Permit Access to Application by Participating Office.

FULL NAME OF INVENTOR: RESIDENCE: POST OFFICE ADDRESS: CITIZENSHIP: SIGNATURE / DATE

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FULL NAME OF INVENTOR: RESIDENCE; POST OFFICE ADDRÉSS: CITIZENSHIP; SIGNATURE / DATE

FULL NAME OF INVENTOR: RESIDENCE: POST OFFICE ADDRESS: CITIZENSHIP: SIGNATURE/DATE

FULL NAME OF INVENTOR: RESIDENCE; POST OFFICE ADDRESS: CITIZENSHIP: SIGNATURE / DATE 1. Dr. Ludwig ZORN
13509 Berlin, DE
Osianderweg 45a, 13509 Berlin, DE
DE
Gudwag Ear 07.05.2015

2. Dr. Knut EIS 13587 Berlin, DE Fichtenweg 1, 13587 Berlin, DE

DE 1/4 E

05/07/2013

3. Dr. Volker SCHULZE
16562 Hohen Neuendorf, OT Bergf, DE
Emit-Czekowski-Str. 5, 16562 Hohen Neuendorf, OT Bergf, DE
DE

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4. Dr. Detley SÜLZLE 13465 Berlin, DE Otternweg 15, 13465 Berlin, DE

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5. Dr. Florian PÜEHLER 02481 Wellesley, MA, US 28 Croten St, 02481 Wellesley, MA, US DE

6. Dr. Philip LIENAU 10967 Berlin, DE Jahrsty 13, 10967 Berlin, DE DE

7.2.5015

7. Dr. Ulf BÖMER 16548 Glienicke, DE Leipziger Str. 49, 16548 Glienicke, DE

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8. Dr. Kirstin PETERSEN 13465 Berlin, DE Stolzingstraße 45, 13465 Berlin, DE

DE TUMP ON

9.5, /5

Dr. Andrea HÄGEBARTH
 10247 Berlin, DE
 An den Eldenaer Höfen 13, 10247 Berlin, DE
 DE

[Page 2]

REEL: 039235 FRAME: 0122

BHC123013 PCT-US

Docket No.:

ASSIGNMENT WITH DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63)

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I/We, the above named assignor(s), hereby sell, assign and transfer to the above named assignee, its successors, legal representatives, and assigns, my/our entire right, title and interest, if any, in the invention and the application for the United States of America, including all direct and indirect divisions, continuations, and continuations-in-part thereof, and all original, extended, reissued, reviewed, and reexamined Letters Patent of the United States, and all countries foreign thereto, that may be granted thereon, including rights of priority under the International Convention of Paris (1883) as amended, including the right to claim priority under 35 U.S.C. §119, and I/we request the Director of the U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and I/we hereby agree that the assignee may apply for foreign Letters Patent on the invention and I/we will without further consideration, communicate all facts know to me/us and execute without further consideration all papers deemed necessary by the assignee in connection with the United States and foreign applications when called upon to do so by the assignee, its successors, legal representatives, or assigns. I/We further represent and warrant that I/We have the full right to convey the interest assigned by this assignment, and that I/We have not granted any rights inconsistent with the rights granted herein. I/We further acknowledge an obligation of assignment of this invention to assignee at the time the invention was made.

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. §261)

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[Page 1]

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FULL NAME OF INVENTOR: 1. Dr. Ludwig ZORN RESIDENCE: 13509 Berlin, DE POST OFFICE ADDRESS: Osianderweg 45a, 13509 Berlin, DE CITIZENSHIP: SIGNATURE / DATE FULL NAME OF INVENTOR: 2, Dr. Knut EIS RESIDENCE: 13587 Berlin, DE Fichtenweg 1, 13587 Berlin, DE POST OFFICE ADDRESS: CITIZENSHIP: SIGNATURE / DATE FULL NAME OF INVENTOR: 3. Dr. Volker SCHULZE 16562 Hohen Neuendorf, OT Bergf, DE RESIDENCE: Emil-Czekowski-Str. 5, 16562 Hohen Neuendorf, OT Bergf, DE POST OFFICE ADDRESS: CITIZENSHIP: SIGNATURE / DATE 4. Dr. Detlev SÜLZLE FULL NAME OF INVENTOR: 13465 Berlin, DE RESIDENCE: POST OFFICE ADDRESS: Otternweg 15, 13465 Berlin, DE CITIZENSHIP: SIGNATURE / DATE FULL NAME OF INVENTOR: 5. Dr. Florian PUEHLER 02481 Wellesley, MA, US RESIDENCE: POST OFFICE ADDRESS: 28 Croton St, 02481 Wellesley, MA, US 5/7/2015 CITIZENSHIP: SIGNATURE / DATE FULL NAME OF INVENTOR: 6, Dr. Philip LIENAU 10967 Berlin, DE RESIDENCE: Jahnstr. 13, 10967 Berlin, DE POST OFFICE ADDRESS: CITIZENSHIP: DE SIGNATURE / DATE FULL NAME OF INVENTOR: 7. Dr. Ulf BÖMER 16548 Glienicke, DE RESIDENCE: POST OFFICE ADDRESS: Leipziger Str. 49, 16548 Glienicke, DE CITIZENSHIP: DE SIGNATURE / DATE 8. Dr. Kirstin PETERSEN FULL NAME OF INVENTOR: RESIDENCE: 13465 Berlin, DE POST OFFICE ADDRESS: Stolzingstraße 45, 13465 Berlin, DE DE CITIZENSHIP: SIGNATURE / DATE

BHC123013 PCT-US

RECORDED: 07/22/2016

RESIDENCE:

CITIZENSHIP: SIGNATURE / DATE

FULL NAME OF INVENTOR:

POST OFFICE ADDRESS:

[Page 2]

9. Dr. Andrea HÄGEBARTH

An den Eldenaer Höfen 13, 10247 Berlin, DE

10247 Berlin, DE

PATENT