06/14/2017 504414075

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4460775

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ULRICH BOTHE	05/03/2017
HOLGER SIEBENEICHER	05/03/2017
NICOLE SCHMIDT	05/16/2017
REINHARD NUBBEMEYER	05/03/2017
ULF BÖMER	05/03/2017
JUDITH GÜNTHER	05/15/2017
HOLGER STEUBER	05/03/2017
MARTIN LANGE	05/03/2017
CHRISTIAN STEGMANN	05/08/2017
ANDREAS SUTTER	05/03/2017
ALEXANDRA RAUSCH	05/03/2017
CHRISTIAN FRIEDRICH	05/03/2017
PETER HAUFF	05/08/2017

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15529996

CORRESPONDENCE DATA

Fax Number: (703)816-4100

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: 703-816-4000 Email: ap@nixonvan.com

Correspondent Name: **NIXON & VANDERHYE PC** Address Line 1: 901 NORTH GLEBE ROAD

PATENT

REEL: 042711 FRAME: 0735 504414075

	SUITE 1100 ARLINGTON, VIRGINIA 22203				
ATTORNEY DOCKET NUMBER:	GRT/6487-0155				
NAME OF SUBMITTER:	GARY R. TANIGAWA				
SIGNATURE:	/Gary R. Tanigawa/				
DATE SIGNED:	06/14/2017				
	This document serves as an Oath/Declaration (37 CFR 1.63).				
Total Attachments: 6 source=Assignment#page1.tif source=Assignment#page2.tif source=Assignment#page3.tif source=Assignment#page4.tif source=Assignment#page5.tif source=Assignment#page6.tif					

PATENT REEL: 042711 FRAME: 0736

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, 1) BAYER PHARMA AKTIENGESELLSCHAFT of 1) 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 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)

DECLARATION

As a belo	ow named inventor, I hereby	decla	re tha	t this assignment with declaration is directed to:
	The attached application,	OR	\boxtimes	United States Application or PCT International Application Number PCT/EP2015/077596 filed on 2015-11-25 (Confirmation No
) .

and the face of the article and the second article and the second and the second

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:

NEW SUBSTITUTED INDAZOLES, METHODS FOR THE PRODUCTION THEREOF, PHARMACEUTICAL PREPARATIONS THAT CONTAIN SAID NEW SUBSTITUTED INDAZOLES, AND USE OF SAID NEW SUBSTITUTED INDAZOLES TO PRODUCE DRUGS

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.

[Page 1]



BHC143024 PCT-US

PATENT REEL: 042711 FRAME: 0737

cordance with 37 CFR 1.14(h)(3), access will be provided to a copy of the application-as-filed with respect to: 1) the aboveaccordance that application-as-filed, 2) any foreign application to which the above-identified application claims priority under 35 USC dentified pactors are represented application that satisfies the certified copy requirement of 37 CFR 1.55 has been filed in the aboveidentified patent application, and 3) any U.S. application application.

In accordance with 37 CFR 1.14(c), access may be proto Permit Access to Application by Participating Office.

FULL NAME OF INVENTOR: RESIDENCE: POST OFFICE ADDRESS: 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

FULL NAME OF INVENTOR: RESIDENCE: POST OFFICE ADDRESS: 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

FULL NAME OF INVENTOR: RESIDENCE: POST OFFICE ADDRESS: 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

BHC143024 PCT-US

1. Dr. Ulrich BOTHE	
13187 Berlin, DE Kavalierstraße 15, 13187 Berlin, DE	
DE / /) ~ / /
DE While AL	J. 5. 201
2. Dr. Holger SIEBENEICHER 10557 Berlin, DE	
Kruppstr. 18, 10557 Berlin, DE	
DE	
and the state of t	35.17
3. Dr. Nicole SCHMIDT San Francisco, CA 94158, US 455 Mission Bay Blvd. South, San Fran DE	ncisco, CA 94158, U
San Francisco, CA 94158, US 455 Mission Bay Blvd. South, San Fran	ncisco, CA 94158, U
San Francisco, CA 94158, US 455 Mission Bay Blvd. South, San Fran DE	ncisco, CA 94158, U
San Francisco, CA 94158, US 455 Mission Bay Blvd. South, San Francisco DE 4. Dr. Reinhard NUBBEMEYER	ncisco, CA 94158, U
San Francisco, CA 94158, US 455 Mission Bay Blvd. South, San Fran DE	ncisco, CA 94158, U
San Francisco, CA 94158, US 455 Mission Bay Blvd. South, San Francisco DE 4. Dr. Reinhard NUBBEMEYER 13509 Berlin, DE Moorweg 96, 13509 Berlin, DE	
San Francisco, CA 94158, US 455 Mission Bay Blvd. South, San Francisco DE 4. Dr. Reinhard NUBBEMEYER 13509 Berlin, DE Moorweg 96, 13509 Berlin, DE	ncisco, CA 94158, U
San Francisco, CA 94158, US 455 Mission Bay Blvd. South, San Francisco DE 4. Dr. Reinhard NUBBEMEYER 13509 Berlin, DE Moorweg 96, 13509 Berlin, DE DE M. Chery	
San Francisco, CA 94158, US 455 Mission Bay Blvd. South, San Francisco DE 4. Dr. Reinhard NUBBEMEYER 13509 Berlin, DE Moorweg 96, 13509 Berlin, DE DE L. Chery 5. Dr. Ulf BÖMER	
San Francisco, CA 94158, US 455 Mission Bay Blvd. South, San Francisco DE 4. Dr. Reinhard NUBBEMEYER 13509 Berlin, DE Moorweg 96, 13509 Berlin, DE DE J. G.	
San Francisco, CA 94158, US 455 Mission Bay Blvd. South, San Francisco DE 4. Dr. Reinhard NUBBEMEYER 13509 Berlin, DE Moorweg 96, 13509 Berlin, DE DE L. Chery 5. Dr. Ulf BÖMER	

Parkstp, 60, 13187 Berlin, DE 15517 7. Dr. Holger STEUBER 10115 Berlin, DE Hannoversche Strasse 19A, 10115 Berlin, DE 8. Dr. Martin LANGE

Straßburger Str. 9K, 10405 Berlin, DE DE ----30517 9. Dr. Christian STEGMANN 10437 Berlin, DE

Schliemannstraße 39, 10437 Berlin, DE DE

10405 Berlin, DE

[Page 2]

PATENT

REEL: 042711 FRAME: 0738

PULL NAME OF INVENTOR:
RESIDENCE:
POST OFFICE ADDRESS:
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

FULL NAME OF INVENTOR: RESIDENCE: POST OFFICE ADDRESS: CITIZENSHIP: SIGNATURE / DATE 10. Dr. Andreas SUTTER
13086 Berlin, DE
Pistoriusstr. 7, 13086 Berlin, DE
DE

11. Dr. Alexandra RAUSCH
13158 Berlin, DE
Schönhauser Str. 54C, 13158 Berlin, DE
DE
ARAGO OSOSA

12. Dr. Christian FRIEDRICH
14770 Brandenburg, DE
Altstädtische Fischerstrasse 17, 14770 Brandenburg, DE
DE
OSOSA
OSOSA

13. Dr. Peter HAUFF

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, 1) BAYER PHARMA AKTIENGESELLSCHAFT of 1) 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 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)

DECLARATION

As a below named inventor, I hereby declare that this assignment with declaration is directed to:				
	The attached application,	OR		United States Application or PCT International Application Number PCT/EP2015/077596 filed on 2015-11-25 (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:

NEW SUBSTITUTED INDAZOLES, METHODS FOR THE PRODUCTION THEREOF, PHARMACEUTICAL PREPARATIONS THAT CONTAIN SAID NEW SUBSTITUTED INDAZOLES, AND USE OF SAID NEW SUBSTITUTED INDAZOLES TO PRODUCE DRUGS

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.

BHC143024 PCT-US

PATENT REEL: 042711 FRAME: 0740 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

FULL NAME OF INVENTOR: RESIDENCE: POST OFFICE ADDRESS: 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

FULL NAME OF INVENTOR: RESIDENCE: POST OFFICE ADDRESS: 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

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

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

BHC143024 PCT-US

Dr. Ulrich BOTHE
 13187 Berlin, DE
 Kavalierstraße 15, 13187 Berlin, DE
 DE

 Dr. Holger SIEBENEICHER 10557 Berlin, DE Kruppstr. 18, 10557 Berlin, DE DE

3. Dr. Nicole SCHMIDT
San Francisco, CA 94158, US
455 Mission Bay Blvd. South, San Francisco, CA 94158, US
DE
Schmidt Q5146147

4. Dr. Reinhard NUBBEMEYER 13509 Berlin, DE Moorweg 96, 13509 Berlin, DE DE

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

6. Dr. Judith GÜNTHER
13187 Berlin, DE
Parkstr. 60, 13187 Berlin, DE
DE

7. Dr. Holger STEUBER 10115 Berlin, DE Hannoversche Strasse 19A, 10115 Berlin, DE DE

8, Dr. Martin LANGE 10405 Berlin, DE Straßburger Str. 9K, 10405 Berlin, DE DE

9. Dr. Christian STEGMANN 10437 Berlin, DE Schliemannstraße 39, 10437 Berlin, DE DE

[Page 2]

PATENT REEL: 042711 FRAME: 0741

111.

LL NAME OF INVENTOR: RESIDENCE: POST OFFICE ADDRESS: 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

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

10. Dr. Andreas SUTTER 13086 Berlin, DE Pistoriusstr. 7, 13086 Berlin, DE

11. Dr. Alexandra RAUSCH 13158 Berlin, DE Schönhauser Str. 54C, 13158 Berlin, DE

0305.47

02.05.17

12. Dr. Christian FRIEDRICH 14770 Brandenburg, DE Altstädtische Fischerstrasse 17, 14770 Brandenburg, DE

13. Dr. Peter HAUFF 10247 Berlin, DE Erich-Nehlhans-Str. 30, 10247 Berlin, DE

[Page 3]

RECORDED: 06/14/2017

BHC143024 PCT-US

PATENT

REEL: 042711 FRAME: 0742