503274146 04/22/2015

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3320764

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

CONVEYING PARTY DATA

Name	Execution Date
DR ULRICH KLAR	12/03/2014
DR GEORG KETTSCHAU	12/03/2014
DR DIRK KOSEMUND	11/25/2014
DR FLORIAN PUEHLER	12/11/2014
DR KNUT EIS	02/03/2015
DR PHILIP LIENAU	11/25/2014
DR ULF BÖMER	12/04/2014
DR DETLEV SÜLZLE	11/25/2014
DR LARS WORTMANN	12/15/2014

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14402665

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: 862-404-6942

Email: latoya.dawkins@bayer.com
Correspondent Name: BAYER CORPORATION
Address Line 1: 100 BAYER BOULEVARD
Address Line 2: ATTN: ASEEM MEHTA

Address Line 4: WHIPPANY, NEW JERSEY 07981

ATTORNEY DOCKET NUMBER:	BHC123021-PCT-US
NAME OF SUBMITTER:	LATOYA DAWKINS

503274146 PATENT REEL: 035466 FRAME: 0234

SIGNATURE:	/Latoya Dawkins/		
DATE SIGNED:	04/22/2015		
Total Attachments: 6			
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PATENT REEL: 035466 FRAME: 0235

Docket No.:

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, I. 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

s 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/EP2013/060220 filed on 2013-05-17 (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:

Substituted Benzothienopyrimidines

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: 035466 FRAME: 0236 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: 1. Dr. Ulrich KLAR RESIDENCE: 13503 Berlin, DE POST OFFICE ADDRESS: Isegrimsteig 8 a, 13593 Berlin, DE CITIZENSHIP: Dec 3, 2014 SIGNATURE / DATE **FULL NAME OF INVENTOR:** Dr. Georg KETTSCHAU RESIDENCE: 13187 Berlin, DE Kavalierstr. 15, 13187 Berlin, DE POST OFFICE ADDRESS: CITIZENSHIP: SIGNATURE / DATE 3. Dr. Dirk KOSEMUND FULL NAME OF INVENTOR: 12587 Berlin, DE RESIDENCE: POST OFFICE ADDRESS: Klutstr. 14/12587 Berlin, DE CITIZENSHIP: SIGNATURE / DATE FULL NAME OF INVENTOR: 4. Dr. Florian PUEHLER 02148 Wellesley, US RESIDENCE: POST OFFICE ADDRESS: 28 Croton St, 02148 Wellesley, US CITIZENSHIP: SIGNATURE / DATE FULL NAME OF INVENTOR: 5. Dr. Knut EIS RESIDENCE: 13587 Berlin, DE POST OFFICE ADDRESS: Fichtenweg 1, 13587 Berlin, DE CITIZENSHIP: SIGNATURE / DATE FULL NAME OF INVENTOR: 6. Dr. Philip LIENAU RESIDENCE: 10967 Berlin, DE POST OFFICE ADDRESS: Jahnstr. 13, 10967 Berlin, DE CITIZENSHIP: 25,11.2014 SIGNATURE / DATE FULL NAME OF INVENTOR: 7. Dr. UIFBÖMER RESIDENCE: 16548 Glienicke, DE POST OFFICE ADDRESS: Leipziger Str. 42, 16548 Glienicke, DE CITIZENSHIP: 4.12 2014 SIGNATURE / DATE 8. Dr. Detlev SÜLZLE FULL NAME OF INVENTOR: 13465 Berlin, DE RESIDENCE: POST OFFICE ADDRESS: Otterprog 15, 13465 Berlin, DE CITIZENSHIP: DE SIGNATURE / DATE

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BHC123021 PCT-US

RESIDENCE:

CITIZENSHIP:

FULL NAME OF INVENTOR:

POST OFFICE ADDRESS:

SIGNATURE / DATE

9. Dr. Lars WORTMANN

Kastanienallee 103, 10435 Berlin, DE

10435 Berlin, DE

15.12.2014

Docket No.:

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. Millierstr. 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.

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DECLARATION As a belo

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a belo	ow 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/EP2013/060220 filed on 2013-05-17 (Confirmation No).				
PR	E-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: Substituted Benzothienopyrimidines				
	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				

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[Page 1]

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

PULL NAME OF INVENTOR: RESIDENCE: POST OFFICE ADDRESS: CITIZENSHIP: SIGNATURE / DATE	1. Dr. Ulrich KLAR 13503 Berlin, DE Isegrimsteig 8 a. 13503 Berlin, DE DE
FULL NAME OF INVENTOR: RESIDENCE: POST OFFICE ADDRESS: CITIZENSHIP: SIGNATURE/DATE	2. Dr. Georg KETTSCHAU 13187 Berlin, DE Kavalierstr. 15, 13187 Berlin, DE DE
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FULL NAME OF INVENTOR: RESIDENCE; POST OFFICE ADDRESS; CITIZENSHIP; SIGNATURE / DATE	7. Dr. UIFBÖMER 16548 Glienicke, DE Leipziger Str. 49, 16548 Glienicke, DE DE
FULL NAME OF INVENTOR: RESIDENCE: POST OFFICE ADDRESS: CITIZENSHIP: SIGNATURE / DATE	8. Dr. Detiev SÜLZLE 13465 Berlin, DE Otternweg 15, 13465 Berlin, DE DE
FULL NAME OF INVENTOR: RESIDENCE: POST OFFICE ADDRESS: CITIZENSHIP; SIGNATURE / DATE	9. Dr. Lars WORTMANN 10435 Berlin, DE Kastanienallee 103, 10435 Berlin, DE DE

[Page 2]



BHC123021 PCT-US

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BHC123021 PCT-US [Page 1]

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

FULL NAME OF INVENTOR: RESIDENCE; POST OFFICE ADDRESS; CITIZENSHIP; SIGNATURE / DATE	1. Dr. Ulrich KLAR 13503 Berlin, DE Isegrimsteig 8 a, 13503 Berlin, DE DE
FULL NAME OF INVENTOR: BESIDENCE: POST OFFICE ADDRESS: CITIZENSHIP: SIGNATURE / DATE	2. Dr. Georg KETTSCHAU 13187 Berlin, DE Kavalierstr. 15, 13187 Berlin, DE DE
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FULL NAME OF INVENTOR: RESIDENCE: POST OFFICE ADDRESS; CITIZENSHIP: SIGNATURE/DATE	4. Dr. Fiorian PUEHLER 02148 Wellesley, US 28 Croton St, 02148 Wellesley, US DE
FULL NAME OF INVENTOR: RESIDENCE; POST OFFICE ADDRESS: CITIZENSHIP: SIGNATURE/DATE	5. Dr. Kmit EIS 13587 Berlin, DE Pichtenweg 1, 13587 Berlin, DE D
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FULL NAME OF INVENTOR: RESIDENCE: POST OFFICE ADDRESS; CITIZENSHIP; SIGNATURE / DATE	9. Dr. Lars WORTMANN 10435 Berlin, DE Kastanienalleo 103, 10435 Berlin, DE DE



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RECORDED: 04/22/2015

PATENT REEL: 035466 FRAME: 0241

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