

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT6867489

<b>SUBMISSION TYPE:</b>	RESUBMISSION
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>RESUBMIT DOCUMENT ID:</b>	506679024
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
THIERRY BOUYSSOU	07/03/2020
PAUL NICKLIN	07/03/2020
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	BOEHRINGER INGELHEIM PHARMA GMBH & CO. KG
<b>Street Address:</b>	BINGER STRASSE 173
<b>City:</b>	INGELHEIM AM RHEIN
<b>State/Country:</b>	GERMANY
<b>Postal Code:</b>	55216
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16911419
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	
<i>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.</i>	
<b>Email:</b>	christine.sturges@boehringer-ingenelheim.com
<b>Correspondent Name:</b>	BOEHRINGER INGELHEIM USA CORP.
<b>Address Line 1:</b>	900 RIDGEBURY ROAD
<b>Address Line 2:</b>	PO BOX 368
<b>Address Line 4:</b>	RIDGEFIELD, CONNECTICUT 06877
<b>ATTORNEY DOCKET NUMBER:</b>	09-0697-US-3
<b>NAME OF SUBMITTER:</b>	CHRISTINE STURGES
<b>SIGNATURE:</b>	/Christine Sturges/
<b>DATE SIGNED:</b>	08/17/2021
<b>Total Attachments: 6</b>	
source=Document_2021-08-17_092713#page1.tif	
source=Document_2021-08-17_092713#page2.tif	
source=Document_2021-08-17_092713#page3.tif	
source=Document_2021-08-17_092713#page4.tif	

source=2021-08-17\_100555#page1.tif

source=CoverSheet#page1.tif

### CONFIRMATION OF ASSIGNMENT – WORLDWIDE

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, and further pursuant to applicable law, the entire right, title, and interest of the undersigned inventor has been previously transferred, sold, and assigned, and to the extent the inventor has not previously transferred, sold, and assigned hereby transfers, sells, and assigns unto:

**Boehringer Ingelheim Pharma GmbH & Co. KG, Binger Strasse 173, 55216 Ingelheim am Rhein, Germany**

and its successors (hereinafter "Assignee"), his/her entire right, title, and interest for the United States and the Territories and Possessions thereof and all foreign countries and regions, in and to the inventions and designs (if any) (hereinafter collectively referred to as the "Inventions") as set forth and described in the following United States patent application(s): Application No. 16911419; filed June 25, 2020 (hereinafter referred to as the "Application"), including all rights to provisionals, nonprovisionals, divisionals, continuations, continuations-in-part, Patent Cooperation Treaty (PCT) applications, and national stages of any such PCT applications, and all other foreign patent applications based in whole or in part upon the Inventions or upon the Application, and any and all Letters Patent and reissues, reexaminations, and extensions of Letters Patent granted in any country for the Inventions or upon the Application or any patent application claiming priority rights from the Application, and every priority right that is or may be predicated upon or arise from the Inventions, or from the Application, and including all rights to sue for any infringement of the Letters Patent, and further including all rights to past damages relating to third party infringement of the Letters Patent, the Assignee being hereby authorized to file and prosecute patent applications, including completing formalities and recordation of ownership claims, in any or all countries and regions on any or all of the Inventions in the name of the undersigned or in the name of the Assignee or otherwise as the Assignee may deem advisable, under the PCT or otherwise; the United States Patent and Trademark Office and corresponding patent granting authorities outside the United States being hereby authorized to issue or transfer all the Letters Patent issuing from any patent applications claiming the Inventions or claiming priority from the Application to the Assignee in accordance herewith; this assignment being under covenant, not only that full power to make the same is had by the undersigned, but also that such assigned right is not encumbered by any grant, license, or other right heretofore given, and that the undersigned will do all acts reasonably serving to ensure that the Inventions, the Application, and any Letters Patent which may issue from any patent applications claiming the Inventions or claiming priority from the Application shall be held and enjoyed by the Assignee as fully and entirely as the same could have been held and enjoyed by the undersigned if this assignment had not been made, and particularly to execute and deliver to the Assignee all lawful documents including petitions,

BI Employee ROW WAssignment  
U.S. Serial No. 15911419  
Date of Filing: June 25, 2020


Attorney Docket No. 09-0697-US-3

specifications, oaths, assignments, invention disclaimers, declarations, and lawful affidavits in form and substance which may be requested by the Assignee, to furnish the Assignee with all facts relating to the inventions and/or the Application or the history thereof and any and all documents, photographs, models, samples, or other physical exhibits which may embody the inventions or relate to the Application, and generally do everything possible to aid the Assignee, its successors, legal representatives, and assigns, to obtain and enforce proper patent protection, in all countries and regions, for the inventions, the Application, and/or Letters Patent that may issue as a result of the Application and from any patent applications claiming priority to the Application, and not to take any action challenging or opposing, on any grounds whatsoever, Assignee's rights granted under this Agreement, or the validity of the transfer of the ownership rights hereunder. For the avoidance of doubt, nothing in this assignment requires the Assignor to provide testimony in a United States litigation related to the above mentioned inventions, Application, and/or Letters Patent.

The undersigned hereby grant(s) an authorized representative of Assignee the power to insert in this Assignment any further identification that may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office and/or corresponding patent granting authorities outside the United States, and to handle all correspondence relating to the Application or any patent applications claiming priority from the Application.

NAME AND SIGNATURE OF INVENTOR

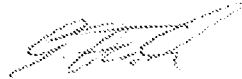
Name: Thierry BOUYSSOU

Signature:  Date: July 20, 2020

NAME AND SIGNATURE OF THE AUTHORIZED OFFICERS OF ASSIGNEE (Employer)

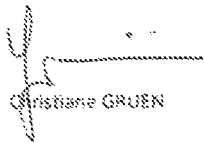
Ingelheim am Rhein, DE, on July 20, 2020

Boehringer Ingelheim Pharma GmbH & Co. KG  
pps. i. V.



Dr. Georg FUCHS

Authorized Signatories



Christiane GRUEN

**CONFIRMATION OF ASSIGNMENT – WORLDWIDE**

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, and further pursuant to applicable law, the entire right, title, and interest of the undersigned inventor has been previously transferred, sold, and assigned, and to the extent the inventor has not previously transferred, sold, and assigned hereby transfers, sells, and assigns unto:

**Boehringer Ingelheim Pharma GmbH & Co. KG, Binger Strasse 173, 55216 Ingelheim am Rhein, Germany**

and its successors (hereinafter "Assignee"), his/her entire right, title, and interest for the United States and the Territories and Possessions thereof and all foreign countries and regions, in and to the inventions and designs (if any) (hereinafter collectively referred to as the "Inventions") as set forth and described in the following United States patent application(s): Application No. 16911419; filed June 25, 2020 (hereinafter referred to as the "Application"), including all rights to provisionals, nonprovisionals, divisionals, continuations, continuations-in-part, Patent Cooperation Treaty (PCT) applications, and national stages of any such PCT applications, and all other foreign patent applications based in whole or in part upon the Inventions or upon the Application, and any and all Letters Patent and reissues, reexaminations, and extensions of Letters Patent granted in any country for the Inventions or upon the Application or any patent application claiming priority rights from the Application, and every priority right that is or may be predicated upon or arise from the Inventions, or from the Application, and including all rights to sue for any infringement of the Letters Patent, and further including all rights to past damages relating to third party infringement of the Letters Patent, the Assignee being hereby authorized to file and prosecute patent applications, including completing formalities and recordation of ownership claims, in any or all countries and regions on any or all of the Inventions in the name of the undersigned or in the name of the Assignee or otherwise as the Assignee may deem advisable, under the PCT or otherwise; the United States Patent and Trademark Office and corresponding patent granting authorities outside the United States being hereby authorized to issue or transfer all the Letters Patent issuing from any patent applications claiming the Inventions or claiming priority from the Application to the Assignee in accordance herewith; this assignment being under covenant, not only that full power to make the same is had by the undersigned, but also that such assigned right is not encumbered by any grant, license, or other right heretofore given, and that the undersigned will do all acts reasonably serving to ensure that the Inventions, the Application, and any Letters Patent which may issue from any patent applications claiming the Inventions or claiming priority from the Application shall be held and enjoyed by the Assignee as fully and entirely as the same could have been held and enjoyed by the undersigned if this assignment had not been made, and particularly to execute and deliver to the Assignee all lawful documents including petitions,

BI Employee ROW WVA Assignment  
U.S. Serial No. 16933419  
Date of Filing: June 25, 2020

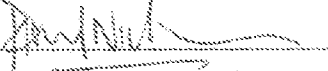
Attorney Docket No. 09-0597-05-3

specifications, oaths, assignments, invention disclaimers, declarations, and lawful affidavits in form and substance which may be requested by the Assignee, to furnish the Assignee with all facts relating to the inventions and/or the Application or the history thereof and any and all documents, photographs, models, samples, or other physical exhibits which may embody the inventions or relate to the Application, and generally do everything possible to aid the Assignee, its successors, legal representatives, and assigns, to obtain and enforce proper patent protection, in all countries and regions, for the inventions, the Application, and/or Letters Patent that may issue as a result of the Application and from any patent applications claiming priority to the Application, and not to take any action challenging or opposing, on any grounds whatsoever, Assignee's rights granted under this Agreement, or the validity of the transfer of the ownership rights hereunder. For the avoidance of doubt, nothing in this assignment requires the Assignor to provide testimony in a United States litigation related to the above mentioned inventions, Application, and/or Letters Patent.

The undersigned hereby grant(s) an authorized representative of Assignee the power to insert in this Assignment any further identification that may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office and/or corresponding patent granting authorities outside the United States, and to handle all correspondence relating to the Application or any patent applications claiming priority from the Application.

NAME AND SIGNATURE OF INVENTOR

Name: Paul NICHLIN

Signature:  Date: 07/03/2020

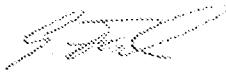
NAME AND SIGNATURE OF THE AUTHORIZED OFFICERS OF ASSIGNEE (Employer)

Ingelheim am Rhein, DE, on July 20, 2020

Boehringer Ingelheim Pharma GmbH & Co. KG

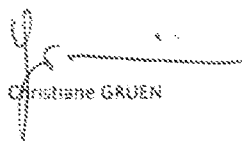
ppa.

i. v.



Dr. Georg FUCHS

Authorized Signatories



Christiane GRUEN



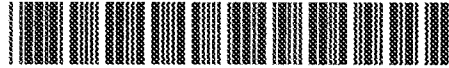
**UNITED STATES PATENT AND TRADEMARK OFFICE**

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND  
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

August 17, 2021

PTAS

BOEHRINGER INGELHEIM USA CORP.  
900 RIDGEBURY ROAD  
PO BOX 368  
RIDGEFIELD, CT 06877



506679024

United States Patent and Trademark Office  
Notice of Non-Recordation of an Assignment Document

The enclosed document has been examined and found non-recordable by the Assignment Recordation Branch of the U.S. Patent and Trademark Office. The reason(s) for non-recordation are stated below:

1. The document submitted is not legible for recording purposes.
2. The document appears to have been resubmitted. If this is your Best Copy please inform the office. *- Best copy!*

Documents being resubmitted for recordation must reflect the corrected information to be recorded, the Document ID number referenced above and all pages from this submitted document. The original date of filing of this assignment document will be maintained if resubmitted with the appropriate correction(s) by **Monday, October 18, 2021**, as outlined under 37 CFR 3.51. The resubmitted document must include a stamp with the official date of receipt under 37 CFR 3. Applicants may use the certified procedures under 37 CFR 1.8 or 1.10 for resubmission of the returned papers if they desire to have the benefit of the date of deposit in the United States Postal Service.

To file the resubmission electronically, navigate to the EPAS website at <http://epas.uspto.gov>, click the Start Resubmission button and enter the following information:

**Document ID: 506679024**  
**Access Code: WH16BFYV7XKBQZ1**

To file the resubmission in paper, send documents to: U.S. Patent and Trademark Office, Mail Stop: Assignment Recordation Branch, P.O. BOX 1450, Alexandria, VA 22313. If you have any questions regarding this notice, you may contact the Assignment Recordation Branch at 571-272-3350.

ANDREA FREEMAN  
ASSIGNMENT RECORDATION BRANCH  
PUBLIC RECORDS DIVISION

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT6725841

<b>SUBMISSION TYPE:</b>	RESUBMISSION
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>RESUBMIT DOCUMENT ID:</b>	506458671
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
THIERRY BOUYSSOU	07/03/2020
PAUL NICKLIN	07/03/2020
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	BOEHRINGER INGELHEIM PHARMA GMBH & CO. KG
<b>Street Address:</b>	BINGER STRASSE 173
<b>City:</b>	INGELHEIM AM RHEIN
<b>State/Country:</b>	GERMANY
<b>Postal Code:</b>	55216
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16911419
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	
<i>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.</i>	
<b>Email:</b>	christine.sturges@boehringer-ingelheim.com
<b>Correspondent Name:</b>	BOEHRINGER INGELHEIM USA CORP.
<b>Address Line 1:</b>	900 RIDGEBURY ROAD
<b>Address Line 2:</b>	PO BOX 368
<b>Address Line 4:</b>	RIDGEFIELD, CONNECTICUT 06877
<b>ATTORNEY DOCKET NUMBER:</b>	09-0697-US-3
<b>NAME OF SUBMITTER:</b>	CHRISTINE STURGES
<b>SIGNATURE:</b>	/Christine Sturges/
<b>DATE SIGNED:</b>	05/24/2021
<b>Total Attachments: 4</b>	
source=NICKLIN#page1.tif	
source=BOY#page1.tif	
source=Full page photo#page1.tif	
source=Noticenotrecorirdedboynicklin#page1.tif	