

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4800202

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
GUENTER BRUCKMANN	11/02/2017
BERNHARD BENDER	01/11/2018
ARMIN JAHANPANA	10/26/2017
AXEL NIEMEYER	10/25/2017
HARALD PAULS	11/06/2017
HANNAH SCHMOLKE	11/01/2017
RECEIVING PARTY DATA	
Name:	Boehringer Ingelheim Vetmedica GmbH
Street Address:	Binger Strasse 173
City:	Ingelheim am Rhein
State/Country:	GERMANY
Postal Code:	55216
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15725348
CORRESPONDENCE DATA	
Fax Number:	(703)848-2981
<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>	
Phone:	7035843273
Email:	kmcmanus@rmc2.com
Correspondent Name:	DAVID S. SAFRAN
Address Line 1:	7918 JONES BRANCH DRIVE, SUITE 500
Address Line 4:	MCLEAN, VIRGINIA 22102
ATTORNEY DOCKET NUMBER:	740126-291 (DSS)
NAME OF SUBMITTER:	DAVID S. SAFRAN
SIGNATURE:	/david s safran/
DATE SIGNED:	01/30/2018
Total Attachments: 12	

source=Assignments_740126_291#page1.tif
source=Assignments_740126_291#page2.tif
source=Assignments_740126_291#page3.tif
source=Assignments_740126_291#page4.tif
source=Assignments_740126_291#page5.tif
source=Assignments_740126_291#page6.tif
source=Assignments_740126_291#page7.tif
source=Assignments_740126_291#page8.tif
source=Assignments_740126_291#page9.tif
source=Assignments_740126_291#page10.tif
source=Assignments_740126_291#page11.tif
source=Assignments_740126_291#page12.tif

Assignment
U.S. Serial No. 15/725,348
Date of Filing: October 5, 2017

Attorney Docket No. 740126-291

CONFIRMATION OF ASSIGNMENT - WORLDWIDE

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, and further pursuant to local law and/or intercompany agreements, the entire right, title, and interest of the undersigned inventor has been previously transferred, sold, and assigned unto:

BOEHRINGER INGELHEIM VETMEDICA GmbH
Binger Strasse 173,
Ingelheim am Rhein 55216
Federal Republic of Germany

and its successors (hereinafter "Assignee"), for the United States and the Territories and Possessions thereof and all foreign countries and regions, in and to the inventions (hereinafter referred to as the "Inventions") as set forth in the following United States patent application(s): Application No. 15/725,348, filed October 5, 2017 (hereinafter referred to as the "Application") including all rights to provisionals, nonprovisionals, divisionals, continuations, continuation-in-parts, 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, specifications, oaths, assignments, invention disclaimers, declarations, and lawful affidavits in form and substance which

Assignment
U.S. Serial No. 15/725,348
Date of Filing: October 5, 2017

Attorney Docket No. 740126-291

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.

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: Guenter BRUCKMANN

Signature: Guenter Bruckmann Date: November 02, 2017

CONFIRMATION OF ASSIGNMENT - WORLDWIDE

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, and further pursuant to local law and/or intercompany agreements, the entire right, title, and interest of the undersigned inventor has been previously transferred, sold, and assigned unto:

**BOEHRINGER INGELHEIM VETMEDICA GmbH
Binger Strasse 173,
Ingelheim am Rhein 55216
Federal Republic of Germany**

and its successors (hereinafter "Assignee"), for the United States and the Territories and Possessions thereof and all foreign countries and regions, in and to the inventions (hereinafter referred to as the "Inventions") as set forth in the following United States patent application(s): Application No. 15/725,348, filed October 5, 2017 (hereinafter referred to as the "Application") including all rights to provisionals, nonprovisionals, divisionals, continuations, continuation-in-parts, 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, specifications, oaths, assignments, invention disclaimers, declarations, and lawful affidavits in form and substance which

Assignment
U.S. Serial No. 15/725,348
Date of Filing: October 5, 2017


Attorney Docket No. 740126-291

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.

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: Bernhard BENDER

Signature:  Date: Jan 11, 2018

CONFIRMATION OF ASSIGNMENT - WORLDWIDE

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, and further pursuant to local law and/or intercompany agreements, the entire right, title, and interest of the undersigned inventor has been previously transferred, sold, and assigned unto:

**BOEHRINGER INGELHEIM VETMEDICA GmbH
Binger Strasse 173,
Ingelheim am Rhein 55216
Federal Republic of Germany**

and its successors (hereinafter "Assignee"), for the United States and the Territories and Possessions thereof and all foreign countries and regions, in and to the inventions (hereinafter referred to as the "Inventions") as set forth in the following United States patent application(s): Application No. 15/725,348, filed October 5, 2017 (hereinafter referred to as the "Application") including all rights to provisionals, nonprovisionals, divisionals, continuations, continuation-in-parts, 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, specifications, oaths, assignments, invention disclaimers, declarations, and lawful affidavits in form and substance which

Assignment
U.S. Serial No. 15/725,348
Date of Filing: October 5, 2017

Attorney Docket No. 740126-291

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.

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: Amin JAHANPANA

Signature:  Date: October 26, 2017

CONFIRMATION OF ASSIGNMENT - WORLDWIDE

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, and further pursuant to local law and/or intercompany agreements, the entire right, title, and interest of the undersigned inventor has been previously transferred, sold, and assigned unto:

**BOEHRINGER INGELHEIM VETMEDICA GmbH
Binger Strasse 173,
Ingelheim am Rhein 55216
Federal Republic of Germany**

and its successors (hereinafter "Assignee"), for the United States and the Territories and Possessions thereof and all foreign countries and regions, in and to the inventions (hereinafter referred to as the "Inventions") as set forth in the following United States patent application(s): Application No. 15/725,348, filed October 5, 2017 (hereinafter referred to as the "Application") including all rights to provisionals, nonprovisionals, divisionals, continuations, continuation-in-parts, 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, specifications, oaths, assignments, invention disclaimers, declarations, and lawful affidavits in form and substance which

Assignment
U.S. Serial No. 15/725,348
Date of Filing: October 5, 2017


Attorney Docket No. 740126-291

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.

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: Axel NIEMEYER

Signature:  Date: October 25, 2017

Assignment
U.S. Serial No. 15/725,348
Date of Filing: October 5, 2017

Attorney Docket No. 740126-291

CONFIRMATION OF ASSIGNMENT - WORLDWIDE

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, and further pursuant to local law and/or intercompany agreements, the entire right, title, and interest of the undersigned inventor has been previously transferred, sold, and assigned unto:

**BOEHRINGER INGELHEIM VETMEDICA GmbH
Binger Strasse 173,
Ingelheim am Rhein 55216
Federal Republic of Germany**

and its successors (hereinafter "Assignee"), for the United States and the Territories and Possessions thereof and all foreign countries and regions, in and to the inventions (hereinafter referred to as the "Inventions") as set forth in the following United States patent application(s): Application No. 15/725,348, filed October 5, 2017 (hereinafter referred to as the "Application") including all rights to provisionals, nonprovisionals, divisionals, continuations, continuation-in-parts, 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, specifications, oaths, assignments, invention disclaimers, declarations, and lawful affidavits in form and substance which

Assignment
U.S. Serial No. 15/725,348
Date of Filing: October 5, 2017

Attorney Docket No. 740126-291

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.

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: Harald PAULS

Signature: Harald Pauls Date: November 6, 2017

Assignment
U.S. Serial No. 15/725,348
Date of Filing: October 5, 2017

Attorney Docket No. 740126-291

CONFIRMATION OF ASSIGNMENT - WORLDWIDE

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, and further pursuant to local law and/or intercompany agreements, the entire right, title, and interest of the undersigned inventor has been previously transferred, sold, and assigned unto:

**BOEHRINGER INGELHEIM VETMEDICA GmbH
Binger Strasse 173,
Ingelheim am Rhein 55216
Federal Republic of Germany**

and its successors (hereinafter "Assignee"), for the United States and the Territories and Possessions thereof and all foreign countries and regions, in and to the inventions (hereinafter referred to as the "Inventions") as set forth in the following United States patent application(s): Application No. 15/725,348, filed October 5, 2017 (hereinafter referred to as the "Application") including all rights to provisionals, nonprovisionals, divisionals, continuations, continuation-in-parts, 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, specifications, oaths, assignments, invention disclaimers, declarations, and lawful affidavits in form and substance which

Assignment
U.S. Serial No. 15/725,348
Date of Filing: October 5, 2017

Attorney Docket No. 740126-291

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.

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: Hannah SCHMOLKE

Signature: Hannah Schmölke Date: November 1st, 2017