

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
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EPAS ID: PAT5237793

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
DANIEL HORNBURG	08/06/2018
MATTHIAS MANN	08/07/2018
FELIX MEISSNER	08/07/2018
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<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16061938
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<b>NAME OF SUBMITTER:</b>	GARY B. CHAPMAN
<b>SIGNATURE:</b>	/gbchapmanREG51279/
<b>DATE SIGNED:</b>	11/14/2018
<b>Total Attachments: 3</b>	
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## ASSIGNMENT

WHEREAS, I/WE

- (1) Daniel HORNBURG of Am Strandweg 11, 39291 Moeser, Germany,
- (2) Matthias MANN of Am Klopferspitz 14a, 82152 Planegg, Germany, and
- (3) Felix MEISSNER of Zieselweg 24, 13467, Berlin, Germany,

hereinafter referred to as Assignor, in connection with the invention entitled:

### HELICOBACTER PYLORI VACCINES

for which International Patent Application No. PCT/EP2016/080878 has been filed on December 14, 2016, and

WHEREAS, MAX-PLANCK-GESELLSCHAFT ZUR FÖRDERUNG DER WISSENSCHAFTEN E.V. of Hofgartenstr. 8, 80539 München, Germany, hereinafter referred to as Assignee, is desirous of acquiring my/our entire U.S. right, title, and interest of Assignor in, to, and under the invention and the referenced International Patent Application, including my/our entire right, title, and interest of Assignor in, to, and under the U.S. national phase thereof, filed on June 13, 2018, under U.S. Application No. 16/061,938, and

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged,

Assignor assigns and transfers to Assignee and Assignee's legal representatives, successors, and assigns my/our entire right, title, and interest in, to, and under the invention, the referenced patent application, other such applications (e.g., provisional applications, non-provisional applications, continuations, continuations-in-part, divisionals, reissues, reexaminations, national and regional phase applications, petty patent applications, and utility model applications) that may be filed in the U.S. and/or any country foreign to the U.S. on the invention, the patents that may issue thereon, and the patents as may be modified as the result of applicable procedures (e.g., supplemental examinations, ex parte reexaminations, inter partes reexaminations, inter partes reviews, post-grant reviews, and oppositions),

Assignor conveys to the Assignee my/our right to make applications in Assignee's own behalf for protection of the invention in the U.S. and countries foreign to the U.S. and to claim priority to the referenced patent application and other such applications that may be filed in the U.S. or any country foreign to the U.S. on the invention under the Patent Cooperation Treaty, the Paris Convention, and any other international arrangements.

Assignor will not execute any writing or do any act conflicting with the terms of this assignment,

Assignor will at any time upon request, without further or additional consideration, but at the expense of the Assignee, execute such additional assignments and other writings and do such additional acts as the Assignee may deem necessary or desirable to pursue the patent applications identified herein, including, but not limited to, rendering all necessary assistance

in making applications for and obtaining patents that may issue thereon in the U.S. and any countries foreign to the U.S. on the invention, and in enforcing any rights accruing as a result of such applications or patents, by, for example, executing statements and other affidavits,

Assignor and Assignee agree the terms of this assignment shall bind, and inure to the benefit of, the legal representatives, successors, and assigns of all parties hereto,

Assignor authorizes Assignee to insert in this assignment the number and filing date of the application if the number and filing date of the application are not recited herein at the time of execution of this assignment by any or all of the parties hereto,

Assignor and Assignee agree that U.S. law governs this assignment, and

Assignee acknowledges and accepts this assignment.

IN WITNESS WHEREOF, Assignor has hereunder set his/her hand on the date shown below.

Date 8/6/2018

[Signature]  
Assignor: Daniel HORNBURG

Date 8/6/2018

[Signature]  
Witness: Si Wu

Date 8/6/2018

[Signature]  
Witness: Milena Dürbaum

Date 7th Aug 2018

[Signature]  
Assignor: Matthias MANN

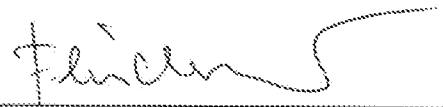
Date 7th Aug 2018

[Signature]  
Witness: (Alison Jaloro)

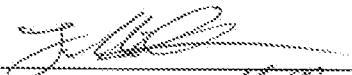
Date 7th Aug 2018

[Signature]  
Witness: Christian Deibel

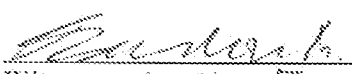
Date 7<sup>th</sup> Aug 2018

  
Assignor: Felix MEISSNER

Date 7<sup>th</sup> Aug 2018

  
Witness: James Miller

Date 7<sup>th</sup> Aug 2016

  
Witness: Annika Frauenstein

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