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PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
DIANNA M. MURPHY JORDAN	01/22/2014
BRIAN THOMAS MARTINSON	01/22/2014
CHRISTINE MARGARET MUEHLENTHALER	01/22/2014
AXEL NEUBAUER	01/06/2014
ARUN V. IYER	01/22/2014

RECEIVING PARTY DATA

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Street Address:	Binger Strasse 173
City:	Ingelheim am Rhein
State/Country:	GERMANY
Postal Code:	55216

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14135796

CORRESPONDENCE DATA

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	PATENT
NAME OF SUBMITTER:	WENDY M. GOMBERT
ATTORNEY DOCKET NUMBER:	01-2893-US-2

PATENT REEL: 032026 FRAME: 0962 502647420

Signature: /Wendy M. Gombert/	
Date:	01/23/2014
Total Attachments: 8 source=01-2893-US-2-Assignment#page1.tl source=01-2893-US-2-Assignment#page2.tl source=01-2893-US-2-Assignment#page3.tl source=01-2893-US-2-Assignment#page4.tl source=01-2893-US-2-Assignment#page5.tl source=01-2893-US-2-Assignment#page6.tl source=01-2893-US-2-Assignment#page7.tl	if if if if if if if if

PATENT REEL: 032026 FRAME: 0963

ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the undersigned ("the Assignors"):

Application Authority Type Primary Citizenship Country

Status
Given Name
Middle Name
Family Name
City of Residence

State or Province of Residence

Country of Residence Mailing Address

Street of Mailing Address City of mailing address

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hereby sell, assign and transfer to Boehringer Ingelheim Vetmedica GmbH, a corporation of the Federal Republic of Germany, having a place of business at Binger Strasse 173, 55216 Ingelheim am Rhein, Fed. Republic of Germany, its successors, assigns and legal representatives (collectively "the Assignee"), our entire right, title and interest, including all rights of priority, in and to the application for United States Letters Patent which is entitled:

METHOD OF MAKING A MYCOPLASMA VACCINE ("the Application") which

133	as executed	by the	Assignors	Δn

was deposited with the United States Patent and Trademark Office on December 20, 2013, and accorded Serial No.: 14/135,796

and any and all improvements which are disclosed in the Application ("the Improvements") and all provisional, divisional, continuing, substitute, renewal, reissue, and all other applications for Letters Patent which have been or shall be filed in the United States or any other country on any of the Improvements, and in and to all original and reissued patents which have been or shall be issued in the United States or any other country on the Improvements;

Agree that the Assignee may apply for and receive Letters Patent for the Improvements in its own name or in Assignors' names, and that, when requested, without charge to but at the expense of the Assignee to carry out in good faith the intent and purpose of this assignment, the Assignors will execute all provisional, divisional,

continuing, substitute, renewal, reissue, and all other patent applications on any and all of the Improvements, execute all rightful oaths, assignments, powers of attorney, and other papers, communicate to the Assignee all facts known to the Assignors relating to the Improvements and the history thereof, participate and assist in any judicial or administrative proceedings concerning the Improvements, and generally do everything possible which the Assignee considers desirable for aiding in securing and maintaining proper patent protection for the improvements and for vesting title to the Improvements and all applications for patents and all patents on the Improvements in the Assignee; and

Covenant with the Assignee that no assignment, grant, mortgage, license, or other agreement affecting the rights and property in the Improvements herein conveyed has been made to others by the Assignors, and that full right to convey the same as herein expressed is possessed by the Assignors.

\ SIGNATURE OF APPLICANT	DATE
Dianna M. Murphy JORDAN broke	27 Jan 14
	22 Jan 14
Christine Margaret MUEHLENTHALER	22 Jan 14
Axel NEUBAUER	
Arun V. IYER	22 JAN14

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METHOD OF MAKING A MYCOPLASMA VACCINE ("the Application") which

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	was executed	by the	Assignors	on

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Agree that the Assignee may apply for and receive Letters Patent for the Improvements in its own name or in Assignors' names, and that, when requested, without charge to but at the expense of the Assignee to carry out in good faith the intent and purpose of this assignment, the Assignors will execute all provisional, divisional,

continuing, substitute, renewal, reissue, and all other patent applications on any and all of the Improvements, execute all rightful oaths, assignments, powers of attorney, and other papers, communicate to the Assignee all facts known to the Assignors relating to the Improvements and the history thereof, participate and assist in any judicial or administrative proceedings concerning the Improvements, and generally do everything possible which the Assignee considers desirable for aiding in securing and maintaining proper patent protection for the improvements and for vesting title to the Improvements and all applications for patents and all patents on the Improvements in the Assignee; and

Covenant with the Assignee that no assignment, grant, mortgage, license, or other agreement affecting the rights and property in the Improvements herein conveyed has been made to others by the Assignors, and that full right to convey the same as herein expressed is possessed by the Assignors.

SIGNATURE OF APPLICANT	DATE
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Brian Thomas MARTINSON	
Christine Margaret MUEHLENTHALER	
446	
Axel NEUBAUER	6-Jan-14
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Arun V. IYER	