

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT																		
NATURE OF CONVEYANCE:	ASSIGNMENT																		
CONVEYING PARTY DATA																			
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr><td>Martina von Freyburg</td><td>06/04/2009</td></tr> <tr><td>Knut Elbers</td><td>06/22/2009</td></tr> <tr><td>Luc-Etienne Fabry</td><td>06/03/2009</td></tr> <tr><td>Isabelle Freiin von Richthofen</td><td>05/28/2009</td></tr> <tr><td>Markia Genzow</td><td>06/02/2009</td></tr> <tr><td>Carola Kissel</td><td>06/15/2009</td></tr> <tr><td>William Charles Ohnesorge</td><td>06/02/2009</td></tr> <tr><td>Kathleen Park</td><td>06/02/2009</td></tr> </tbody> </table>		Name	Execution Date	Martina von Freyburg	06/04/2009	Knut Elbers	06/22/2009	Luc-Etienne Fabry	06/03/2009	Isabelle Freiin von Richthofen	05/28/2009	Markia Genzow	06/02/2009	Carola Kissel	06/15/2009	William Charles Ohnesorge	06/02/2009	Kathleen Park	06/02/2009
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RECEIVING PARTY DATA																			
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 20%;">Name:</td><td>Boehringer Ingelheim Vetmedica, Inc.</td></tr> <tr><td>Street Address:</td><td>2621 North Belt Highway</td></tr> <tr><td>City:</td><td>Saint Joseph</td></tr> <tr><td>State/Country:</td><td>MISSOURI</td></tr> <tr><td>Postal Code:</td><td>64506</td></tr> </table>		Name:	Boehringer Ingelheim Vetmedica, Inc.	Street Address:	2621 North Belt Highway	City:	Saint Joseph	State/Country:	MISSOURI	Postal Code:	64506								
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CORRESPONDENCE DATA																			
<p>Fax Number: (816)753-1536</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 816-572-4604</p> <p>Email: uspt@polsinelli.com</p> <p>Correspondent Name: Tracey S. Truitt</p> <p>Address Line 1: 700 W. 47th Street</p> <p>Address Line 2: Suite 1000</p> <p>Address Line 4: Kansas City, MISSOURI 64112</p>																			

CH \$40.00 12423658

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PATENT
REEL: 022895 FRAME: 0479

ATTORNEY DOCKET NUMBER:	054870-133464 - 40088
NAME OF SUBMITTER:	Tracey S. Truitt
Total Attachments: 6 source=1-2368-signed-Assignment#page1.tif source=1-2368-signed-Assignment#page2.tif source=1-2368-signed-Assignment#page3.tif source=1-2368-signed-Assignment#page4.tif source=1-2368-signed-Assignment#page5.tif source=1-2368-signed-Assignment#page6.tif	

ASSIGNMENT

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

Applicant Authority Type::	Inventor
Primary Citizenship Country::	DE
Status::	Full Capacity
Given Name::	Martina
Family Name::	VON FREYBURG
City of Residence::	Mainz
Country of Residence::	DE
Street of mailing address::	Binger Strasse 173
City of mailing address::	Ingelheim am Rhein
Country of mailing address::	DE
Postal or Zip Code of mailing address::	55216

Applicant Authority Type::	Inventor
Primary Citizenship Country::	DE
Status::	Full Capacity
Given Name::	Knut
Family Name::	ELBERS
City of Residence::	Gau Algesheim
Country of Residence::	DE
Street of mailing address::	Binger Strasse 173
City of mailing address::	Ingelheim am Rhein
Country of mailing address::	DE
Postal or Zip Code of mailing address::	55216

Applicant Authority Type::	Inventor
Primary Citizenship Country::	BE
Status::	Full Capacity
Given Name::	Luc-Etienne
Family Name::	FABRY
City of Residence::	Bingen
Country of Residence::	DE
Street of mailing address::	Binger Strasse 173
City of mailing address::	Ingelheim am Rhein
Country of mailing address::	DE
Postal or Zip Code of mailing address::	55216

Applicant Authority Type::	Inventor
Primary Citizenship Country::	DE
Status::	Full Capacity
Given Name::	Isabelle
Family Name::	FREIN VON RICHTHOFEN
City of Residence::	Charlottenlund
Country of Residence::	DK

PATENT**REEL: 022895 FRAME: 0481**

Street of mailing address:: Binger Strasse 173
City of mailing address:: Ingelheim am Rhein
Country of mailing address:: DE
Postal or Zip Code of mailing address:: 55216

Applicant Authority Type:: Inventor
Primary Citizenship Country:: DE
Status:: Full Capacity
Given Name:: Marika
Family Name:: GENZOW
City of Residence:: Wiesbaden
Country of Residence:: DE
Street of mailing address:: Binger Strasse 173
City of mailing address:: Ingelheim am Rhein
Country of mailing address:: DE
Postal or Zip Code of mailing address:: 55216

Applicant Authority Type:: Inventor
Primary Citizenship Country:: DE
Status:: Full Capacity
Given Name:: Carola
Family Name:: KISSEL
City of Residence:: Wiesbaden
Country of Residence:: DE
Street of mailing address:: Binger Strasse 173
City of mailing address:: Ingelheim am Rhein
Country of mailing address:: DE
Postal or Zip Code of mailing address:: 55216

Applicant Authority Type:: Inventor
Primary Citizenship Country:: US
Status:: Full Capacity
Given Name:: William
Middle Name:: Charles
Family Name:: OHNESORGE
City of Residence:: Saint Joseph
State or Province of Residence:: MO
Country of Residence:: US
Street of mailing address:: 2621 N. Belt Highway
City of mailing address:: Saint Joseph
State or Province of mailing address:: MO
Country of mailing address:: US
Postal or Zip Code of mailing address:: 64506

Applicant Authority Type:: Inventor
Primary Citizenship Country:: US
Status:: Full Capacity
Given Name:: Kathleen
Family Name:: PARK
City of Residence:: Saint Joseph

State or Province of Residence::	MO
Country of Residence::	US
Street of mailing address::	2621 N. Belt Highway
City of mailing address::	Saint Joseph
State or Province of mailing address::	MO
Country of mailing address::	US
Postal or Zip Code of mailing address::	64506

hereby sell, assign and transfer to Boehringer Ingelheim Vetmedica, Inc., a corporation of the State of Delaware, having a place of business at 2621 North Belt Highway, St. Joseph, MO 64506-2002, 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:

ONE DOSE VACCINATION AGAINST MYCOPLASMA INFECTIONS OF PIGS
("the Application")



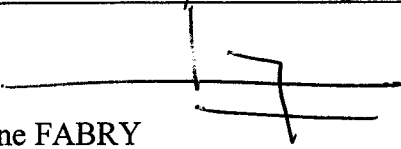
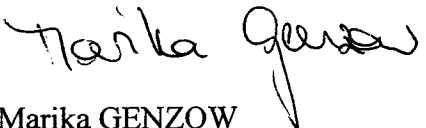

which

- ☐ was executed by the Assignors on
- ☒ was deposited with the United States Patent and Trademark Office on April 14, 2009, and accorded Serial No.: 12/423,658

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

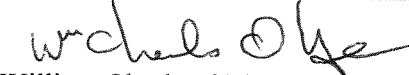

Covenant with the Assignee that no assignment, grant, mortgage, license, or other agreement affecting the rights and property in the Improvements herein conveyed has been made to others by the Assignors, and that full right to convey the same as herein expressed is possessed by the Assignors.

SIGNATURE OF APPLICANT	DATE
Martina VON FREYBURG 	6/4/09
Knut ELBERS 	6/22/09
Luc-Etienne FABRY 	6/3/09
Isabelle FREIIN VON RICHTHOFEN	
Marika GENZOW 	6/2/09
Carola KISSEL 	6/15/09
William Charles OHNESORGE	
Kathleen PARK	

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SIGNATURE OF APPLICANT	DATE
Martina VON FREYBURG	
Knut ELBERS	
Luc-Etienne FABRY	
<i>Isabelle Frein v. Richtthofen</i> Isabelle FREIN VON RICHTHOFEN	05/28/2009
Marika GENZOW	
Carola KISSEL	
William Charles OHNESORGE	
Kathleen PARK	

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