

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Phillip Wayne HAYES</td> <td>03/23/2012</td> </tr> <tr> <td>Kristina J. HENNESSY</td> <td>04/04/2012</td> </tr> <tr> <td>Laurent VIEL</td> <td>04/03/2012</td> </tr> <tr> <td>Andres DIAZ-MENDEZ</td> <td>04/03/2012</td> </tr> </tbody> </table>		Name	Execution Date	Phillip Wayne HAYES	03/23/2012	Kristina J. HENNESSY	04/04/2012	Laurent VIEL	04/03/2012	Andres DIAZ-MENDEZ	04/03/2012
Name	Execution Date										
Phillip Wayne HAYES	03/23/2012										
Kristina J. HENNESSY	04/04/2012										
Laurent VIEL	04/03/2012										
Andres DIAZ-MENDEZ	04/03/2012										
RECEIVING PARTY DATA											
Name:	Boehringer Ingelheim Vetmedica, Inc.										
Street Address:	2621 North Belt Highway										
City:	St. Joseph										
State/Country:	MISSOURI										
Postal Code:	64506-2002										
PROPERTY NUMBERS Total: 1											
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13417855</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13417855						
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Application Number:	13417855										
CORRESPONDENCE DATA											
Fax Number:	(203)837-5616										
Email:	christina.ostorga@boehringer-ingelheim.com										
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>											
Correspondent Name:	Michael P. Morris										
Address Line 1:	900 Ridgebury Rd										
Address Line 2:	P.O. Box 368										
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ATTORNEY DOCKET NUMBER:	10-0144										
NAME OF SUBMITTER:	Joyce L. Morrison										
Total Attachments: 9											

CH \$40.00 13417855

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ASSIGNMENT

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

Application Authority Type	Inventor
Primary Citizenship Country	US
Status	Full Capacity
Given Name	Phillip
Middle Name	Wayne
Family Name	HAYES
City of Residence	Maurice
State or Province of Residence	IA
Country of Residence	US
Street of mailing address	2621 North Belt Highway
City of mailing address	St. Joseph
State or Province of mailing address	MO
Country of mailing address	US
Postal or Zip Code of mailing address	64506

Application Authority Type	Inventor
Primary Citizenship Country	US
Status	Full Capacity
Given Name	Kristina
Middle Name	J.
Family Name	HENNESSY
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State or Province of Residence	KS
Country of Residence	US
Street of mailing address	12700 Johnson Drive
City of mailing address	Shawnee
State or Province of mailing address	KS
Country of mailing address	US
Postal or Zip Code of mailing address	66216

Application Authority Type	Inventor
Primary Citizenship Country	CA
Status	Full Capacity
Given Name	Laurent
Family Name	VIEL
City of Residence	Rockwood
State or Province of Residence	ON
Country of Residence	CA
Street of mailing address	RR #2, 4176
City of mailing address	Rockwood

State or Province of mailing address	ON
Country of mailing address	CA
Postal or Zip Code of mailing address	N0B 2K0
Application Authority Type	Inventor
Primary Citizenship Country	CA
Status	Full Capacity
Given Name	Andrés
Family Name	DIAZ-MENDEZ
City of Residence	Dundas
State or Province of Residence	ON
Country of Residence	CA
Street of mailing address	310 Middletown Road
City of mailing address	Dundas
State or Province of mailing address	ON
Country of mailing address	CA
Postal or Zip Code of mailing address	L9H 5E1

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:

EQUINE RHINITIS VACCINE ("the Application")

which

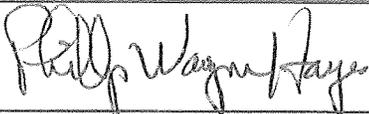
- was executed by the Assignors on
- was deposited with the United States Patent and Trademark Office on March 12, 2012, and accorded Serial No.: 13/417,855

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
Phillip Wayne HAYES 	23 March 2012
Kristina J. HENNESSY	
Laurent VIEL	
Andrés DIAZ-MENDEZ	

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City of mailing address	Shawnee
State or Province of mailing address	KS
Country of mailing address	US
Postal or Zip Code of mailing address	66216

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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

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SIGNATURE OF APPLICANT	DATE
Phillip Wayne HAYES	
Kristina J. HENNESSY 	4/4/12
Laurent VIEL	
Andrés DIAZ-MENDEZ	

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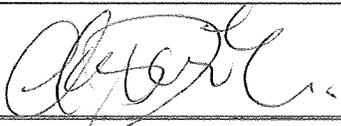
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SIGNATURE OF APPLICANT	DATE
Phillip Wayne HAYES	
Kristina J. HENNESSY	
Laurent VIEL 	April 3, 2012
Andrés DIAZ-MENDEZ 	April 3 / 2012