

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
JEREMY KROLL	03/20/2006
MIKE ROOF	03/20/2006
RECEIVING PARTY DATA	
Name:	BOEHRINGER INGELHEIM VETMEDICA, INC.
Street Address:	2621 NORTH BELT HIGHWAY
City:	ST. JOSEPH
State/Country:	MISSOURI
Postal Code:	64506
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14447694
CORRESPONDENCE DATA	
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ATTORNEY DOCKET NUMBER:	10-0056-US-3
NAME OF SUBMITTER:	TIKI CANTRELL
SIGNATURE:	/TIKI CANTRELL/
DATE SIGNED:	11/07/2018
Total Attachments: 3	
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ASSIGNMENT

WHEREAS, WE, KROLL, Jeremy, of 14216 Maple Drive, Urbandale, Iowa 50323, and ROOF, Mike, of 3222 Tupelo Circle, Ames, Iowa 50014, have jointly invented certain new and useful improvements in

IMMUNOGENIC COMPOSITIONS COMPRISING LAWSONIA INTRACELLULARIS for which we are about to make application for Letters Patent of the United States; and

WHEREAS, BOEHRINGER INGELHEIM VETMEDICA, INC., a Corporation duly organized under the laws of the State of Delaware, and having its principal place of business at 2621 North Belt Highway, St. Joseph, MO 64506, is desirous of acquiring an interest in, to and under said invention, said application and any and all Letters Patent which may be granted for or upon said invention in the United States of America and all countries foreign thereto.

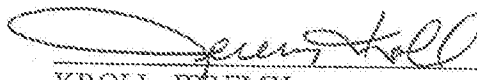
NOW, THEREFORE, to all whom it may concern be it known that for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, WE, KROLL, Jeremy, of 14216 Maple Drive, Urbandale, Iowa 50323, and ROOF, Mike, of 3222 Tupelo Circle, Ames, Iowa 50014, as co-inventors, have sold, assigned and transferred, and by these presents do sell, assign and transfer unto said BOEHRINGER INGELHEIM VETMEDICA, INC., the full and exclusive right, title and interest, throughout the world, in, to and under the following:

- (a) said invention as fully set forth and described in the specification prepared, and executed by each of such as co-inventors on even date herewith preparatory to obtaining Letters Patent of the United States therefor;
- (b) said application;
- (c) any and all refilings and continuations of said application;

- (d) any and all Letters Patent of the United States of America which may issue from said application, refilings, division and continuations;
- (e) any and all reissues of said Letters Patent of the United States of America;
- (f) any and all applications for Letters Patent upon said invention which may hereafter be filed in any and all countries foreign to the United States of America;
- (g) any and all refilings, divisions and continuations of said foreign-filed applications;
- (h) any and all Letters Patent of countries foreign to the United States of America which may issue from the said foreign-filed applications, refilings, divisions and continuations; and
- (i) any and all extension of, and additions to, said Letters Patent of countries foreign to the United States of America.

ALL of the above shall be held and enjoyed by said BOEHRINGER INGELHEIM VETMEDICA, INC., for its own use and behoof, and for its successors, legal representatives and assigns, to the full end of the term for which said Letters Patent may be granted, and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue the said Letters Patent in accordance with this Assignment.

Executed this 20th day of March, 06.


KROLL, JEREMY


ROOF, MIKE

STATE OF Iowa)
COUNTY OF Story) SS.

On this 27th day of March, 2006, before me personally appeared KROLL, JEREMY, and ROOF, MIKE, to me known to be the persons described in and who executed the foregoing instrument, and they duly acknowledged to me that they executed the same for the uses and purposes therein set forth.

Tanya L. Miller
Notary Public

My Commission Expires:

11/21/08

11/21/08