PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
David Francis Kirke	03/10/2010
Michael James Francis	03/22/2010

RECEIVING PARTY DATA

Name:	Intervet International B.V.	
Street Address:	Wim de Korverstraat 35	
Internal Address:	5830 AA	
City:	Boxmeer	
State/Country:	NETHERLANDS	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12338192

CORRESPONDENCE DATA

Fax Number: (908)298-5388

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Email: marsia.tirrell@merck.com

Correspondent Name: Schering-Plough Corporation

Address Line 1: 2000 Galloping Hill Road

Address Line 4: Kenilworth, NEW JERSEY 07033

ATTORNEY DOCKET NUMBER: AH06673

NAME OF SUBMITTER: Marsia Tirrell

Total Attachments: 4

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PATENT

REEL: 025724 FRAME: 0087

PATENT CASE: AH06673

WORLDWIDE ASSIGNMENT

WHEREAS, WE,

(1)	David Francis Kirke	, residing at Slough, United Kingdom
(2)	Michael James Francis	residing at Amersham, United Kingdom

(hereinafter ASSIGNORS), are the inventors of the invention claimed in

VACCINE ANTIGENS FROM PISCIRICKETTSIA SALMONIS

for which we have filed/will be filing an application in the <u>European</u> Receiving Office of the World Intellectual Property Organization officially identified* as International Patent Application Number <u>PCT/EP2008/067830</u> filed on <u>December 18, 2008</u>, and/or in the United States Patent and Trademark Office officially identified* as Application Number <u>12/338,192</u> filed on <u>December 18, 2008</u>; and

WHEREAS, **INTERVET INTERNATIONAL B.V.**, a corporation organized under the laws of the Netherlands, having its principal office at Wim de Korverstraat 35, 5830 AA, Boxmeer, Netherlands (hereinafter, **ASSIGNEE**), is desirous of obtaining the entire right, title and interest in, to and under the invention disclosed in said application;

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, we, said ASSIGNORS, do each hereby sell, assign and transfer to said ASSIGNEE our entire right, title and interest in all countries of the world in and to our invention described in said patent application or applications, in and to the right to file patent applications in the name of ASSIGNEE, its designee, or in any or all of our names, at its election, on the aforesaid invention in all countries of the world, together with all rights of priority in the aforesaid countries deriving from the above-identified patent application under the International Convention for the Protection of Industrial Property, under the Inter-American Convention relating to Inventions, Patents, Designs and Industrial Models and under any other international arrangement to which the United States now is or hereafter becomes a signatory, in and to any and all Letters Patent that are granted from any of the aforesaid patent applications, in and to any applications claiming priority benefits to a provisional patent application or other applications filed on said invention, and in and to any continuations, divisions, reissues, renewals and extensions thereof of any of said Letters Patent, the same to be held and enjoyed by said ASSIGNEE, its successors, assigns and other legal representatives, to the full ends of the terms for which all Letters Patent therefor may be granted, as fully and entirely as the same would have been held and enjoyed by us if this assignment and sale had not been made.

AND WE HEREBY covenant and agree that we will at any time, upon the request and at the expense of ASSIGNEE, execute and deliver any and all documents that may be necessary or desirable to perfect the title to the foregoing invention, patent applications, and Letters Patent and continuations, divisions, reissues, renewals and extensions thereof in ASSIGNEE, its successors, assigns or other legal representatives, including the execution and procurement of any and all further documents evidencing this assignment and sale as may be necessary or desirable for recording the same in the Patent Office of any country concerned, and that we will, at any time, upon the request and at the expense of ASSIGNEE, execute any additional or divisional applications for patents for said invention, or any part or parts thereof, and applications for patents of confirmation, registration and importation based on said Letters Patent and on Letters Patent issuing from said additional or divisional applications and reissues, renewals and extensions therefor, and will make all rightful oaths and declarations and do all lawful acts requisite for procuring the same or for aiding therein, without further compensation, but at the expense of ASSIGNEE, its successors, assigns or other legal representatives.

And we further covenant and agree that we will at any time, upon request, communicate to **ASSIGNEE**, its successors, assigns or other legal representatives, any facts relating to the said invention and Letters Patent, or the history thereof known to us, and will testify as to the same in any interference, litigation, or any other legal proceeding, when requested to do so.

PATENT REEL: 025724 FRAME: 0088 *We hereby authorize **ASSIGNEE** to insert in this instrument the Application Number or Numbers and the filing dates of said applications for Letters Patent when officially notified thereof.

Executed this	o day of hard	, 20 <u></u> (0	
	IVIDIUS		L.S.
DAVID FRANCIS	KIKKE		
ACKNOWLEDGE	-MENT		
KINGDOM ST EN	C1.4.10		
State of LOVE) s.s.:		
executed the fore	day of May of Ma	known by me t knowledged th	, personally appeared before me to be the same person described in and who hat he (she) executed the same, of his (her)
(Seal)			Aland
			Notary Public
			Notary Public London, England (Andrew J. MacNab) My Commission expires at Death SAMLLE & CO. Notarios
•			One Carry Larre Larredon EC2V 8AE Tat +44 (0)20 7820 0000
Executed this	day of	, 20	·
MICHAEL JAME		L.S.	
ACKNOWLEDGI	EMENT		
State of			
County of) s.s.:)		
Michael James who executed the	Francis to me known, a	and known by r nd acknowledg	_, personally appeared before me ne to be the same person described in and ged that he (she) executed the same, of his
(Seal)			
			Notary Public

PATENT CASE: AH06673

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NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, we, said ASSIGNORS, do each hereby sell, assign and transfer to said ASSIGNEE our entire right, title and interest in all countries of the world in and to our invention described in said patent application or applications, in and to the right to file patent applications in the name of ASSIGNEE, its designee, or in any or all of our names, at its election, on the aforesaid invention in all countries of the world, together with all rights of priority in the aforesaid countries deriving from the above-identified patent application under the International Convention for the Protection of Industrial Property, under the Inter-American Convention relating to Inventions, Patents, Designs and Industrial Models and under any other international arrangement to which the United States now is or hereafter becomes a signatory, in and to any and all Letters Patent that are granted from any of the aforesaid patent applications, in and to any applications claiming priority benefits to a provisional patent application or other applications filed on said invention, and in and to any continuations, divisions, reissues, renewals and extensions thereof of any of said Letters Patent, the same to be held and enjoyed by said ASSIGNEE, its successors, assigns and other legal representatives, to the full ends of the terms for which all Letters Patent therefor may be granted, as fully and entirely as the same would have been held and enjoyed by us if this assignment and sale had not been made.

AND WE HEREBY covenant and agree that we will at any time, upon the request and at the expense of **ASSIGNEE**, execute and deliver any and all documents that may be necessary or desirable to perfect the title to the foregoing invention, patent applications, and Letters Patent and continuations, divisions, reissues, renewals and extensions thereof in **ASSIGNEE**, its successors, assigns or other legal representatives, including the execution and procurement of any and all further documents evidencing this assignment and sale as may be necessary or desirable for recording the same in the Patent Office of any country concerned, and that we will, at any time, upon the request and at the expense of **ASSIGNEE**, execute any additional or divisional applications for patents for said invention, or any part or parts thereof, and applications for patents of confirmation, registration and importation based on said Letters Patent and on Letters Patent issuing from said additional or divisional applications and reissues, renewals and extensions therefor, and will make all rightful oaths and declarations and do all lawful acts requisite for procuring the same or for aiding therein, without further compensation, but at the expense of **ASSIGNEE**, its successors, assigns or other legal representatives.

And we further covenant and agree that we will at any time, upon request, communicate to **ASSIGNEE**, its successors, assigns or other legal representatives, any facts relating to the said invention and Letters Patent, or the history thereof known to us, and will testify as to the same in any interference, litigation, or any other legal proceeding, when requested to do so.

PATENT REEL: 025724 FRAME: 0090

*We hereby authorize ASSIGNEE to insert in this instrument the Application Number or Numbers and the filing dates of said applications for Letters Patent when officially notified thereof. Executed this _____ day of _____ , 20____. DAVID FRANCIS KIRKE **ACKNOWLEDGEMENT** County of _____ On this _____ day of _____, 20____, personally appeared before me ______, 20_____, personally appeared before me ______, and known by me to be the same person described in and who executed the foregoing instrument, and acknowledged that he (she) executed the same, of his (her) own free will for the purpose set forth. (Seal) Notary Public Executed this 22 day of hand, 20 10. **ACKNOWLEDGEMENT** KINGDOM State of ENGLAND County of LONDON On this <u>22</u> day of <u>4</u>, 20 <u>10</u>, personally appeared before me <u>Michael James Francis</u> to me known, and known by me to be the same person described in and who executed the foregoing instrument, and acknowledged that he (she) executed the same, of his (her) own free will for the purpose set forth.

> Notary Public London, England (Andrew J. MacNab)
> My Commission expires at Death I REEL: 1025724 FRAME: 0091