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PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3528767

SUBMISSION TYPE:		NEW ASSIGNMENT	NEW ASSIGNMENT			
NATURE OF CONVEY	ANCE:	ASSIGNMENT	ASSIGNMENT			
CONVEYING PARTY	DATA					
		Name	Execution Date			
JEAN-CHRISTOPHE	AUDONNE	Т	04/02/2015			
JULES MAARTEN MI	NKE		03/23/2015			
NIKOLAUS OSTERRII	EDER		03/24/2015			
GUANGGANG MA			03/27/2015			
	ΑΤΑ					
Name:	Merial	Limited				
Street Address:	3239 S	atellite Blvd.				
City:	Duluth					
State/Country:	GEOR	GIA				
Postal Code:	30096					
Property Type	e	Number				
	-					
Application Number:	-	14543300				
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ASSIGNMENT

We

AUDONNET, Jean-Christophe 119, rue de Crequi 69006, Lyon France

OSTERRIEDER, Nikolaus Am Waldrand 22b 14482 Potsdam Germany MINKE, Jules Maarten 16 rue Nicolas Boileau 69960 Corbas France

Ma, GUANGGANG Jialilue Road No.338, Building 7, Floor 4 Pudong District, Shanghai 201203 PR China

being the inventors of certain improvements in the international application entitled: **"RECOMBINANT EQUINE HERPESVIRUS-1 VACCINE CONTAINING MUTATED** GLYCOPROTEIN C AND USES THEREOF" for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, hereby assign unto MERIAL LIMITED, having a place of business at 3239 Satellite Blvd., Duluth, Georgia 30096 U.S.A., its successors and assigns (1) the entire right, title and interest in all countries throughout the world in and to any and all of my/our inventions and discoveries in my/our United States utility patent application filed on November 17, 2014, subsequently identified as U.S. Patent Application No. 14/543,300 as well as any renewals, revivals, reissues, reexaminations, extensions, continuations and divisions thereof, and any substitute applications therefore; (2) the full and complete right to file patent applications in the name of MERIAL LIMITED, or their designee's election, on the aforesaid inventions, discoveries and applications in all countries of the world; (3) the entire right title and interest in and to any Letters Patent which may issue on the aforesaid inventions, discoveries and applications in any country of the world and any renewals, revivals, reissues, reexaminations and extensions thereof, and any patents of confirmation, registration and importation of the same; and (4) the entire right, title and interest in and to all Convention and Treaty Rights of all kinds thereon, including without limitation all rights of priority in any country of the world, in and to the following priority application(s):

United States Provisional Application No. 61/613,151, filed March 20, 2012

United States Application 13/840,935 filed March 15, 2013

and all rights of priority in any country of the world deriving from the above-identified International Application.

I

I hereby authorize and request the competent authorities to grant and to issue any and all such Letters Patent in any country throughout the world to MERIAL LIMITED as the assignee of the entire right, title and interest therein, as fully and entirely as the same would have been held and enjoyed by me/us had this assignment, sale and transfer not been made.

I agree, at any time, upon the request of MERIAL LIMITED, to execute and to deliver to MERIAL LIMITED any additional applications for patents for said inventions and discoveries, or any part or parts thereof, and any applications for patents of confirmation, registration and importation based on any Letters Patent issuing on said inventions, discoveries or applications, and divisions, continuations, renewals, revivals, reissues, reexaminations and extensions thereof.

I further agree, at any time, upon request of MERIAL LIMITED, to execute and to deliver to MERIAL LIMITED, such additional documents, if any, as are necessary or desirable to secure patent protection on said inventions, discoveries and applications throughout all countries of the world, and otherwise to do what is necessary to give full effect to and to perfect any and all rights of MERIAL LIMITED, under this Assignment, including the execution, delivery and procurement of any and all further documents evidencing this assignment, transfer and sale as may be necessary or desirable.

In testimony of which I have hereupon affixed my signature, it is my intention that this Assignment instrument be effective, and all rights transferred herein shall be considered to have vested in MERIAL LIMITED, as of the 20 March 2012, the filing date of United States Provisional Application No. 61/613,151 from which earliest priority is hereby claimed.

(1)	Assigno	r's Signature:	April 2nd			, 2015	
1	Name:	Jean-Christophe /	Audonnet		Date		
		WITNESS	ES				
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Sign here (Print name below)			Sign here (Frint nar	ne below)			
Witness 1: <u>Association</u>		 	Witness 2:				
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(2)	Assignor's Signature:		<u>23 Marci</u>	, 2015	
	Name: Jules Maarten	Minke	Date		
	WITN	<u>ESSES</u>	69294	an é.A	
Sign here (Print name below)	······	Sign here (Print name below)	n de la constante de la constan La constante de la constante de	<u>1997</u> - 1997 -	
Witness 1: <u></u>	<u></u>	Witness 2:	<u>_</u> <u>}</u>		
(3)	Assignor's Signature:				
	Name: Nikolaus Oste	rrieder	Date	, 2015	
	WITN				
Sign here (Print name below)		Sign here (Print name below)			
Witness 1:		Witness 2:		 ,	
(4)	Assignor's Signature:				
	Name: Guanggang M	a Da	te	, 2015	
	WITN	ESSES			
Sign here (Print name below)		Sign here (Print name below)			
Witness 1:		Witness 2:			

(2)	Assignor's Signature:		
	Name: Jules Maarten Minke	, 201: Date	
	<u>WITNESSES</u>		
Sign here (Print name below)	Sign here (Print nan Witness 2:	ne below)	
Witness 1:	(FAR1050 2.1		
(3)	Assignor's Signature:	8	
	Name: Nikolaus Osterrieder	$\frac{3 2 4}{\text{Date}}, 201$	
12 Ma	UN WITNESSES	legner	
Sign here (Print name below) Witness 1:	Sign here (Print name Witness 2:	ne bysow) Wegner	
(4)	Assignor's Signature:		
	Name: Guanggang Ma	, 2015	
	<u>WITNESSES</u>		
Sign here (Print name below) Witness 1:	Sign here (Print nam Witness 2:	ne below)	

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	(2)	Assignor's Signature:						
							, 2015	
		Name:	Jules Maarten M	Minke		Date		
		WITNESSES		SSES				
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Witness 1:				Witness 2:	-			
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	(3)	Assignor	's Signature:					
							, 2015	
		Name: Nikolaus Osterrieder			Date	Date	, 2010	
			WITNES	SSES				
Sign here (Print name bel	ow)			Sign here (Print na	me below)	······································		
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	(4)	Assignor'	's Signature:			,		
		Name: (ang Groff	hrn	Date	part i	7th 2015	
			WITNES	SES	540			
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MER 11-174.1

ACKNOWLEDGEMENT OF ASSIGNEE

MERIAL LIMITED On this day of day, 2015 See March By: (Signature of Austorized Representative-or Officer) Georgias and duly acknowledged the executed Assignment on behalf of the Assignee Print Name: Title: Judy Isrecki-Black,Ph.C.,J.C. Correction of the second se Notary Public Assistant Secretary

NOTANY PUBLIC. FULTON COUPOR GEORGIA WY COMMERSION EXPRESS APRIL 553/16

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