

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT4479111

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
RUSSELL F. BEY	11/12/2013
PAULRAJ KIRUBAKARAN LAWRENCE	11/12/2013
RANDY R. SIMONSON	11/12/2013
RECEIVING PARTY DATA	
Name:	MERIAL LIMITED
Street Address:	3239 SATELLITE BLVD.
City:	DULUTH
State/Country:	GEORGIA
Postal Code:	30096
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15594451
CORRESPONDENCE DATA	
Fax Number:	(678)638-3350
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
Email:	assignment.ip@merial.com
Correspondent Name:	JUDY JARECKI-BLACK
Address Line 1:	3239 SATELLITE BLVD.
Address Line 4:	DULUTH, GEORGIA 30096
ATTORNEY DOCKET NUMBER:	MER 12-209.4
NAME OF SUBMITTER:	TIKI CANTRELL
SIGNATURE:	/TIKI CANTRELL/
DATE SIGNED:	06/27/2017
Total Attachments: 3	
source=eAssignment#page1.tif	
source=eAssignment#page2.tif	
source=eAssignment#page3.tif	

ASSIGNMENT

We:

BEY, Russell F.
1157 Amble Drive
Arden Hills, MN 55112
US

LAWRENCE, Paulraj Kirubakaran
4462 Snelling Avenue N,
Arden Hills, Mn- 55112

SIMONSON, Randy R.
28387 Cty Hwy 35
Worthington, MN 56187
US

being the inventors of certain improvements in the international application entitled: **"ATTENUATED MANNHEIMIA HAEMOLYTICA VACCINES AND METHODS OF MAKING AND USE"** 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 8, 2013, subsequently identified as U.S. Patent Application No. 14/075,169 and International Patent Application, filed under the Patent Cooperation Treaty in the United States Receiving Office (RO/US) on November 8, 2013, subsequently identified as International Patent Application No. PCT/US13/69144, and designating all PCT member countries/states, as well as in 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. 61/723,979, filed 08 November 2012

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

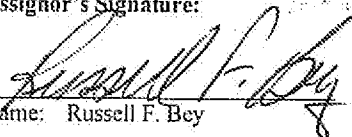
I hereby authorize and request the competent authorities to grant and to issue any and all such Letters Patent in any country throughout the world to MERAL LIMITED as the assignee of the entire right, title and interest therein, as fully and entirely as the same would have been held and enjoyed by me/us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

I agree, at any time, upon the request of MERAL LIMITED, to execute and to deliver to MERAL 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 MERAL LIMITED, to execute and to deliver to MERAL 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 MERAL 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.

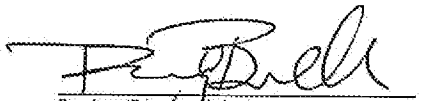
In testimony of which I have hereupon affixed my signature, it is my intention that this Assignment instrument be effective, and all rights transferred herein shall be considered to have vested in MERAL LIMITED, as of the 08 November 2012, the filing date of United States Provisional Application No. 61/723,979 from which earliest priority is hereby claimed.

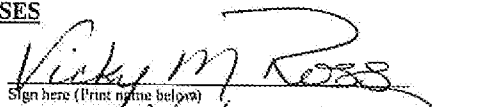
(1) Assignor's Signature:


Name: Russell F. Bey

11/08/12 2013
Date

WITNESSES


Sign here (Print name below)
Witness 1: RANDY BULLER


Sign here (Print name below)
Witness 2: Vicky M. ROSS

(2) Assignor's Signature:

[Handwritten Signature]

Name: Paulraj Kirubakaran Lawrence

12 NOV, 2013
Date

WITNESSES

[Handwritten Signature]
Sign here (Print name below)
Witness 1: RANDY BULLER

[Handwritten Signature]
Sign here (Print name below)
Witness 2: Vicky M Ross

(3) Assignor's Signature:

[Handwritten Signature]
Name: Randy K. Simonson

11/12, 2013
Date

WITNESSES

[Handwritten Signature]
Sign here (Print name below)
Witness 1: Vicky M Ross

[Handwritten Signature]
Sign here (Print name below)
Witness 2: Ken Wulf

ACKNOWLEDGEMENT OF ASSIGNEE

<p>MERIAL LIMITED</p> <p>By: <i>[Handwritten Signature]</i> (Signature of Authorized Representative or Officer)</p> <p>Print Name: _____</p> <p>Title: <u>Judy Jarecki-Black, Ph.D., J.D.</u> Assistant Secretary</p>	<p>On this <u>18</u> day of <u>November</u> 2013, <u>Judy Jarecki-Black</u> personally appeared before me, a Notary Public in and for the <u>State of</u> <u>Georgia</u>, and duly acknowledged the executed Assignment on behalf of the Assignee.</p> <p><i>[Handwritten Signature]</i> Notary Public</p>
--	--

NOTARY PUBLIC, FULTON COUNTY, GEORGIA
MY COMMISSION EXPIRES April 5, 2016