

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT4941430

|                                                                                                                                                                                                 |                              |
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| <b>SUBMISSION TYPE:</b>                                                                                                                                                                         | NEW ASSIGNMENT               |
| <b>NATURE OF CONVEYANCE:</b>                                                                                                                                                                    | ASSIGNMENT                   |
| <b>CONVEYING PARTY DATA</b>                                                                                                                                                                     |                              |
| <b>Name</b>                                                                                                                                                                                     | <b>Execution Date</b>        |
| DIANE LARSEN                                                                                                                                                                                    | 03/01/2013                   |
| MARK DAVID SOLL                                                                                                                                                                                 | 03/05/2013                   |
| PETER CHEIFETZ                                                                                                                                                                                  | 03/05/2013                   |
| IZABELA GALESKA                                                                                                                                                                                 | 03/05/2013                   |
| SUSAN MANCINI CADY                                                                                                                                                                              | 03/05/2013                   |
| <b>RECEIVING PARTY DATA</b>                                                                                                                                                                     |                              |
| <b>Name:</b>                                                                                                                                                                                    | MERIAL, INC.                 |
| <b>Street Address:</b>                                                                                                                                                                          | 3239 SATELLITE BLVD.         |
| <b>City:</b>                                                                                                                                                                                    | DULUTH                       |
| <b>State/Country:</b>                                                                                                                                                                           | GEORGIA                      |
| <b>Postal Code:</b>                                                                                                                                                                             | 30096                        |
| <b>PROPERTY NUMBERS Total: 1</b>                                                                                                                                                                |                              |
| <b>Property Type</b>                                                                                                                                                                            | <b>Number</b>                |
| Application Number:                                                                                                                                                                             | 15936778                     |
| <b>CORRESPONDENCE DATA</b>                                                                                                                                                                      |                              |
| <b>Fax Number:</b>                                                                                                                                                                              | (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> |                              |
| <b>Email:</b>                                                                                                                                                                                   | assignment.ip@merial.com     |
| <b>Correspondent Name:</b>                                                                                                                                                                      | DR. JUDY JARECKI-BLACK, ESQ. |
| <b>Address Line 1:</b>                                                                                                                                                                          | 3239 SATELLITE BLVD.         |
| <b>Address Line 4:</b>                                                                                                                                                                          | DULUTH, GEORGIA 30096        |
| <b>ATTORNEY DOCKET NUMBER:</b>                                                                                                                                                                  | MER 12-187.5                 |
| <b>NAME OF SUBMITTER:</b>                                                                                                                                                                       | LATONYA MCCLAIN              |
| <b>SIGNATURE:</b>                                                                                                                                                                               | /LaTonya McClain/            |
| <b>DATE SIGNED:</b>                                                                                                                                                                             | 05/01/2018                   |
| <b>Total Attachments: 5</b>                                                                                                                                                                     |                              |
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**PATENT**

**REEL: 046050 FRAME: 0299**

ASSIGNMENT

We:

SOLL, Mark David  
605 Newport Shore  
Alpharetta, GA 30005  
US

CHEIFETZ, Peter  
15 Lynnfield Drive  
East Windsor, NJ 08520  
US

LARSEN, Diane  
2422 Waybridge Court  
Buford, GA 30519  
US

GALESKA, Izabela  
1725 Tristen Drive  
Newtown, PA 18940

CADY, Susan Mancini  
1501 Revere Road  
Yardley, PA 19067  
US

being the inventors of certain improvements in the international application entitled: **"PARASITICIDAL ORAL VETERINARY COMPOSITIONS COMPRISING SYSTEMICALLY-ACTING ACTIVE AGENTS, METHODS 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 January 31, 2013, subsequently identified as U.S. Patent Application No. 13/754,969 and International Patent Application, filed under the Patent Cooperation Treaty in the United States Receiving Office (RO/US) on January 31, 2013, subsequently identified as International Patent Application No. PCT/US13/23969, 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. 61/595,463, filed 06 February 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 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 06 February 2012, the filing date of United States Provisional Application No. 61/595,463 from which earliest priority is hereby claimed.

(1) Assignor's Signature:

Mark D. Soil  
Name: Mark D. Soil

4 March 2013  
Date

WITNESSES

Mike S. Portrell  
Witness 1: Mike S. Portrell

Juan E. Escame  
Witness 2: Juan E. Escame

(2) Assignor's Signature:

*Diane Larsen*  
 Name: Diane Larsen

1/10/2013  
 Date

WITNESSES

*Christopher V. Johnson*  
 Sign here (Print name below)

Witness 1: Christopher V. Johnson

*Luiz Cramer*  
 Sign here (Print name below)

Witness 2: LUIZ CRAMER

(3) Assignor's Signature:

\_\_\_\_\_  
 Name: Susan Mancini

\_\_\_\_\_, 2013  
 Date

WITNESSES

\_\_\_\_\_  
 Sign here (Print name below)

Witness 1: \_\_\_\_\_

\_\_\_\_\_  
 Sign here (Print name below)

Witness 2: \_\_\_\_\_

(4) Assignor's Signature:

\_\_\_\_\_  
 Name: Peter Cheifetz

\_\_\_\_\_, 2013  
 Date

WITNESSES

\_\_\_\_\_  
 Sign here (Print name below)

Witness 1: \_\_\_\_\_

\_\_\_\_\_  
 Sign here (Print name below)

Witness 2: \_\_\_\_\_

(5) Assignor's Signature:

\_\_\_\_\_  
 Name: Izabela Galska

\_\_\_\_\_, 2013  
 Date

WITNESSES

\_\_\_\_\_  
 Sign here (Print name below)

Witness 1: \_\_\_\_\_

\_\_\_\_\_  
 Sign here (Print name below)

Witness 2: \_\_\_\_\_

## (2) Assignor's Signature:

Name: Diane Larsen

Date: \_\_\_\_\_ 2013

WITNESSES

Sign here (Print name below)

Witness 1: \_\_\_\_\_

Sign here (Print name below)

Witness 2: \_\_\_\_\_

## (3) Assignor's Signature:

Susan Mancini Cady  
 Name: Susan Mancini Cady

March 5, 2013  
 Date

WITNESSES

Heidi L. Tomeschuk  
 Sign here (Print name below)

Witness 1: Heidi L. Tomeschuk

Ann Oveska  
 Sign here (Print name below)

Witness 2: Ann Oveska

## (4) Assignor's Signature:

Peter Cheloff  
 Name: Peter Cheloff

05 Mar, 2013  
 Date

WITNESSES

Heidi L. Tomeschuk  
 Sign here (Print name below)

Witness 1: Heidi L. Tomeschuk

Ann Oveska  
 Sign here (Print name below)

Witness 2: Ann Oveska

## (5) Assignor's Signature:

Izabela Galecki  
 Name: Izabela Galecki

05 March, 2013  
 Date

WITNESSES

Heidi L. Tomeschuk  
 Sign here (Print name below)

Witness 1: Heidi L. Tomeschuk

Ann Oveska  
 Sign here (Print name below)

Witness 2: Ann Oveska

ACKNOWLEDGEMENT OF ASSIGNEE

|                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                             |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p><b>MERIAL LIMITED</b></p> <p>By: <u>[Signature]</u><br/> <small>(Signature of Authorized Representative of Office)</small><br/> <u>Judy Jarecki-Black, Ph.D., J.D.</u><br/>         Assistant Secretary</p> <p>Print Name: _____<br/>         Title: _____</p> | <p>On this <u>9</u> day of <u>August</u>, 2013,<br/> <u>Judy Jarecki-Black</u> personally appeared<br/>         before me, a Notary Public in and for the <u>State of</u><br/> <u>Georgia</u>, and duly acknowledged the executed<br/> <u>Assignment on behalf of the Assignee</u></p> <p><u>[Signature]</u><br/>         Notary Public</p> |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

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