

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4695100

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
ALAN JAMES MARTIN	07/28/2014
PAUL GLYN JONES	07/28/2014
ADRIAN WATSON	08/05/2014
JAN ROTHUIZEN	09/09/2017
HILLE FIETEN	07/28/2014
PIETER ANTONIUS JOZEF LEEGWATER	08/03/2017
RECEIVING PARTY DATA	
Name:	MARS, INCORPORATED
Street Address:	6885 ELM STREET
City:	MCLEAN
State/Country:	VIRGINIA
Postal Code:	22101-3883
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14363751
CORRESPONDENCE DATA	
Fax Number:	(703)448-9678
<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>	
Phone:	703-821-4900
Email:	mars.patents@effem.com
Correspondent Name:	MARS, INCORPORATED
Address Line 1:	6885 ELM STREET
Address Line 4:	MCLEAN, VIRGINIA 22101-3883
ATTORNEY DOCKET NUMBER:	WAL0374 PCT US
NAME OF SUBMITTER:	LISA DAWN GENTRY
SIGNATURE:	/Lisa Dawn Gentry/
DATE SIGNED:	11/17/2017
Total Attachments: 14	

source=WAL0374_PCT_US_both_signed_oath_Assns_and_assns_17NOV2017#page1.tif
source=WAL0374_PCT_US_both_signed_oath_Assns_and_assns_17NOV2017#page2.tif
source=WAL0374_PCT_US_both_signed_oath_Assns_and_assns_17NOV2017#page3.tif
source=WAL0374_PCT_US_both_signed_oath_Assns_and_assns_17NOV2017#page4.tif
source=WAL0374_PCT_US_both_signed_oath_Assns_and_assns_17NOV2017#page5.tif
source=WAL0374_PCT_US_both_signed_oath_Assns_and_assns_17NOV2017#page6.tif
source=WAL0374_PCT_US_both_signed_oath_Assns_and_assns_17NOV2017#page7.tif
source=WAL0374_PCT_US_both_signed_oath_Assns_and_assns_17NOV2017#page8.tif
source=WAL0374_PCT_US_both_signed_oath_Assns_and_assns_17NOV2017#page9.tif
source=WAL0374_PCT_US_both_signed_oath_Assns_and_assns_17NOV2017#page10.tif
source=WAL0374_PCT_US_both_signed_oath_Assns_and_assns_17NOV2017#page11.tif
source=WAL0374_PCT_US_both_signed_oath_Assns_and_assns_17NOV2017#page12.tif
source=WAL0374_PCT_US_both_signed_oath_Assns_and_assns_17NOV2017#page13.tif
source=WAL0374_PCT_US_both_signed_oath_Assns_and_assns_17NOV2017#page14.tif

Assignment	
I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being transmitted via the Office electronic filing system in accordance with 37 CFR § 1.6(a)(4).	
Dated: _____	Electronic Signature for Annie Z. Aymond: / _____ /

ASSIGNMENT BY INVENTORS

THIS ASSIGNMENT, made by Alan James Martin; Paul Glyn Jones; Adrian Watson; Jan Rothuizen; Hille Fieten; and Pieter Antonius Jozef Leegwater (hereinafter referred to as Assignors), residing at Waltham Centre for Pet Nutrition, Freeby Lane, Waltham on the Wolds, Melton Mowbray, LEICESTERSHIRE, LE14 4RT, UNITED KINGDOM; Waltham Centre for Pet Nutrition, Freeby Lane, Waltham on the Wolds, Melton Mowbray, LEICESTERSHIRE, LE14 4RT, UNITED KINGDOM; Royal Canin, 650 Rte de la Petite Camargue, Aimargues F-30470, FRANCE, Department of Clinical Sciences of Companion Animals, Faculty of Veterinary Medicine, University Utrecht, P. O. Box 80154, 3508 TD, NETHERLANDS; Department of Clinical Sciences of Companion Animals, Faculty of Veterinary Medicine, University Utrecht, P. O. Box 80154, 3508 TD, NETHERLANDS; and Department of Clinical Sciences of Companion Animals, Faculty of Veterinary Medicine, University Utrecht, P. O. Box 80154, 3508 TD, NETHERLANDS, respectively;

WHEREAS, Assignors have invented certain new and useful improvements in **GENETIC TEST FOR LIVER COPPER ACCUMULATION IN DOGS**, set forth in a Patent application for Letters Patent of the United States of America, filed on June 6, 2014 as United States Application No. 14/363,751 which claims priority to International Application No. PCT/GB2012/053038 filed on December 6, 2012 which claims priority to Great Britain Application No. 1120989.7 filed on December 6, 2011; and

WHEREAS, Mars, Inc., a corporation organized under and pursuant to the laws of Delaware having its principal place of business at 6885 Elm Street, McLean, Virginia 22101-3883 (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said inventions and said Application for Letters Patent of the United States, and in and to any Letters Patent of the United States to be obtained therefore and thereon.

NOW, THEREFORE, for good and sufficient consideration, the receipt of which is hereby acknowledged, Assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned

inventions and application for Letters Patent, and in and to any and all direct and indirect divisions, continuations and continuations-in-part of said application, and any and all Letters Patent in the United States and all foreign countries which may be granted therefore and thereon, and reissues, reexaminations and extensions of said Letters Patent, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee, for its own use and benefit and the use and benefit of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent may be granted and/or extended, as fully and entirely as the same would have been held and enjoyed by Assignors, had this sale and assignment not been made.

AND for the same consideration, Assignors hereby represent and warrant to Assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignee under law or that have already been transferred to Assignee, Assignors are the sole and lawful owners of the entire right, title and interest in and to the said inventions and application for Letters Patent above-mentioned, and that the same are unencumbered and that Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, Assignors hereby covenant and agree to and with Assignee, its successors, legal representatives and assigns, that Assignors will sign all papers and documents, take all lawful oaths and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent and applications for Letters Patent for said inventions, whenever counsel of Assignee, or counsel of its successors, legal representatives and assigns requests such action.

AND Assignors hereby request the Commissioner of Patent and Trademarks to issue said Letters Patent of the United States to Assignee, as Assignee of said inventions and the Letters Patent to be issued thereon, for the sole use and benefit of Assignee, its successors, legal representatives and assigns.

AND Assignors hereby grant the following individuals the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply

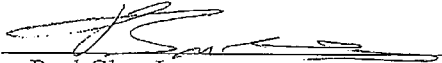
with the rules of the United States Patent and Trademark Office for recordation of this document:

FULBRIGHT & JAWORSKI LLP

All practitioners at Customer Number 26271

AND Assignors acknowledge an obligation of assignment of this invention to Assignee at the time the invention was made.

Date: _____ Signature: _____
Alan James Martin

Date: 28/07/2019 Signature: 
Paul Glyn Jones

Date: _____ Signature: _____
Adrian Watson

Date: _____ Signature: _____
Jan Rothuizen

Date: _____ Signature: _____
Hille Fieten

Date: _____ Signature: _____
Pieter Antonius Jozef Leegwater

with the rules of the United States Patent and Trademark Office for recordation of this document:

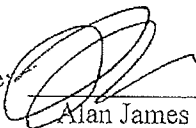
FULBRIGHT & JAWORSKI LLP

All practitioners at Customer Number 26271

AND Assignors acknowledge an obligation of assignment of this invention to Assignee at the time the invention was made.

Date: 28/07/2014

Signature:


Alan James Martin

Date: _____

Signature: _____

Paul Glyn Jones

Date: _____

Signature: _____

Adrian Watson

Date: _____

Signature: _____

Jan Rothuizen

Date: _____

Signature: _____

Hille Fieten

Date: _____

Signature: _____

Pieter Antonius Jozef Leegwater

with the rules of the United States Patent and Trademark Office for recordation of this document:

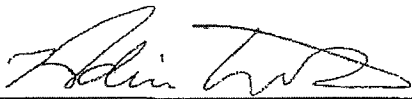
FULBRIGHT & JAWORSKI LLP

All practitioners at Customer Number 26271

AND Assignors acknowledge an obligation of assignment of this invention to Assignee at the time the invention was made.

Date: _____ Signature: _____
Alan James Martin

Date: _____ Signature: _____
Paul Glyn Jones

Date: 5/8/2014 Signature: 
Adrian Watson

Date: _____ Signature: _____
Jan Rothuizen

Date: _____ Signature: _____
Hille Fieten

Date: _____ Signature: _____
Pieter Antonius Jozef Leegwater

with the rules of the United States Patent and Trademark Office for recordation of this document:

FULBRIGHT & JAWORSKI LLP

All practitioners at Customer Number 26271

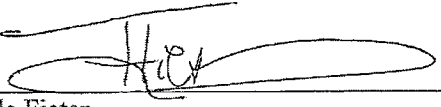
AND Assignors acknowledge an obligation of assignment of this invention to Assignee at the time the invention was made.

Date: _____ Signature: _____
Alan James Martin

Date: _____ Signature: _____
Paul Glyn Jones

Date: _____ Signature: _____
Adrian Watson

Date: _____ Signature: _____
Jan Rothuizen

Date: 20-7-14 Signature: 
Hille Fieten

Date: _____ Signature: _____
Pieter Antonius Jozef Leegwater

COMBINED OATH AND ASSIGNMENT

WHEREAS, I/we

Alan James Martin
Paul Glyn Jones
Adrian Watson
Jan Rothuizen
Hille Fieten
Pieter Antonius Jozef Leegwater

has(have) made the invention(s) described in patent application(s) entitled:

GENETIC TEST FOR LIVER COPPER ACCUMULATION IN DOGS

Mars Docket Number: WAL0374 PCT US

Further identified as:

US Patent Application number: 14/363,751

Filing or 371(c) Date: June 6, 2014

And is a 371 of, and/or claims priority to/benefit of:

Application Number	Filing Date	Filing Country
1120989.7	December 6, 2011	GB
PCT/GB2012/053038	December 6, 2012	PCT

I/WE HEREBY DECLARE THAT:

I) THE ABOVE-IDENTIFIED APPLICATION(S) WAS/WERE MADE OR AUTHORIZED TO BE MADE BY ME/US,

II) I/WE BELIEVE THAT I/WE AM/ARE THE ORIGINAL INVENTOR OR AN ORIGINAL JOINT INVENTOR OF A CLAIMED INVENTION(S) IN THE APPLICATION(S),

III) HEREBY ACKNOWLEDGE THAT ANY WILLFUL FALSE STATEMENT MADE IN THIS DECLARATION IS PUNISHABLE UNDER 18 USC 1001 BY FINE OR IMPRISONMENT OF NOT MORE THAN FIVE (5) YEARS, OR BOTH.

WHEREAS, **Mars, Incorporated** (hereinafter referred to as "**Mars**"), a corporation duly organized and existing under the laws of the State of Delaware, U.S.A., and having a principal office and place of business at 6885 Elm Street, McLean, Virginia, 22101-3883, U.S.A., desires to record a specific assignment to all rights, titles, and interests, which are assignable to the greatest extent permitted by laws, in and to the above-identified invention or inventions, and in and to any Letters Patent therefore in the United States of America and countries foreign thereto;

NOW THEREFORE, in consideration of One U.S. Dollar (US\$1.00) or equivalency in currencies other than U.S. Dollar, and other good and valuable consideration as well as awards and remunerations stipulated in separate agreements or policies under applicable law by each of us received, the receipt of which is hereby acknowledged, I/we jointly and severally have sold and assigned, and hereby do sell and assign, to **Mars** its successors and assigns, the entire right, title, and interest (a) in the above-identified invention or inventions and all improvements and modifications thereof, (b) in the above-identified application(s), all provisional and non-provisional applications for patent upon which the above-identified application claims benefit or is claimed by such application, and all other applications for patent of the United States of America and countries foreign thereto for the above-identified invention or inventions and all improvements and modifications thereof, (c) in all Letters Patent which may issue from said applications in the United States of America and countries foreign thereto, and (d) in all divisions, reissues, continuations, conversions, and extensions of said applications and Letters Patent; and the undersigned inventor(s) hereby authorize and request the U.S. Commissioner of Patents and Trademarks to issue all United States Letters Patent on such invention or inventions included herein to **Mars** as assignee of the entire interest.

I/we further agree to communicate to **Mars**, its successors and assigns, or their representatives or agents all facts and information known or available to me/us relating to said invention or inventions, improvements and modifications including evidence for interference, reexamination, reissue, opposition, revocation, conversion, extension, or infringement purposes or other legal, judicial, or administrative proceedings, whenever requested; testify in person or by affidavit as required by **Mars**, its successors and assigns, in any such proceeding in the United States of America or a country foreign thereto; execute and deliver, on request, all lawful papers including, but not limited to, original, provisional, non-provisional, divisional, continuation, continuation-in-part, substitute, and reissue applications, renewals, assignments, powers of attorney, oaths, affidavits, declarations, and depositions; and provide all reasonable assistance to **Mars** its successors and assigns, in obtaining and enforcing proper protection for said invention or inventions, improvements and modifications under the intellectual property laws of the United States of America and countries foreign thereto.

I/we authorize any attorney of record for the above-identified application(s) to insert the application number(s) and filing date(s) of such application(s) onto this document, when available.

IN TESTIMONY WHEREOF, I/we has(have) executed this Assignment on the dates stated after my(our) respective signature(s).

Name	Signature (please sign in the box below)	Date	Address & Citizenship
Alan James Martin			c/o Waltham for Pet Nutrition Freeby Lane, Waltham on the Wolds, Melton Mowbray, Leicestershire LE14 4RT, United Kingdom Citizenship:

FOR INVENTORS OUTSIDE THE UNITED STATES ONLY:

_____, whose name and signature appear above, signed this
 (insert printed name of signatory on this line)

instrument in our presence.

Witnessed by: _____ Date: _____
 Signature

 Printed Name of Witness

Witnessed by: _____ Date: _____
 Signature

 Printed Name of Witness

FOR US INVENTORS, NOTARY IS REQUIRED

State of _____)
 _____)SS
 County of _____)

Before me this _____ day of _____, 20____, personally appeared

_____, to me personally known as the same person whose name is subscribed to the foregoing instrument, who acknowledged to me that such instrument was signed, sealed, and delivered as that person's free and voluntary act for the uses and purposes set forth therein.

[Seal]

 Notary Public
 My Commission Expires _____

IN TESTIMONY WHEREOF, I/we has(have) executed this Assignment on the dates stated after my(our) respective signature(s).

Name	Signature (please sign in the box below)	Date	Address & Citizenship
Paul Glyn Jones			c/o Waltham for Pet Nutrition Freeby Lane, Waltham on the Wolds, Melton Mowbray, Leicestershire LE14 4RT, United Kingdom Citizenship:

FOR INVENTORS OUTSIDE THE UNITED STATES ONLY:

_____, whose name and signature appear above, signed this
 (insert printed name of signatory on this line)

instrument in our presence.

Witnessed by: _____ Date: _____
 Signature

 Printed Name of Witness

Witnessed by: _____ Date: _____
 Signature

 Printed Name of Witness

FOR US INVENTORS, NOTARY IS REQUIRED

State of _____)
 _____)SS
 County of _____)

Before me this _____ day of _____, 20____, personally appeared

_____, to me personally known as the same person whose name is subscribed to the foregoing instrument, who acknowledged to me that such instrument was signed, sealed, and delivered as that person's free and voluntary act for the uses and purposes set forth therein.

[Seal]

 Notary Public
 My Commission Expires _____

IN TESTIMONY WHEREOF, I/we has(have) executed this Assignment on the dates stated after my(our) respective signature(s).

Name	Signature (please sign in the box below)	Date	Address & Citizenship
Adrian Watson			c/o Royal Canin 650 Rte De La Petite Camargue, Aimargues F-30470 France Citizenship:

FOR INVENTORS OUTSIDE THE UNITED STATES ONLY:

_____, whose name and signature appear above, signed this
(insert printed name of signatory on this line)

instrument in our presence.

Witnessed by: _____ Date: _____
Signature
Printed Name of Witness

Witnessed by: _____ Date: _____
Signature
Printed Name of Witness

FOR US INVENTORS, NOTARY IS REQUIRED

State of _____)
County of _____)SS


Before me this _____ day of _____, 20____, personally appeared

_____, to me personally known as the same person whose name is subscribed to the foregoing instrument, who acknowledged to me that such instrument was signed, sealed, and delivered as that person's free and voluntary act for the uses and purposes set forth therein.

[Seal]

Notary Public
My Commission Expires _____


IN TESTIMONY WHEREOF, I/we has(have) executed this Assignment on the dates stated after my(our) respective signature(s).

Name	Signature (please sign in the box below)	Date	Address & Citizenship
Jan Rothuizen		September 9th 2017	c/o Department of Clinical Sciences of Companion Animals, Faculty of Veterinary Medicine, University of Utrecht, P.O. Box 80154 3508 TD Netherlands Citizenship: _____

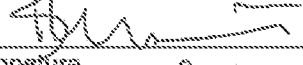
FOR INVENTORS OUTSIDE THE UNITED STATES ONLY:

Jan Rothuizen, whose name and signature appear above, signed this instrument in our presence.
(insert printed name of signatory on this line)

instrument in our presence.

Witnessed by: 
 Signature
H. Fieben
 Printed Name of Witness

Date: September 9th 2017

Witnessed by: 
 Signature
Björn P. Meij
 Printed Name of Witness

Date: September 9th 2017

FOR US INVENTORS, NOTARY IS REQUIRED

State of _____)
) SS
 County of _____)

Before me this _____ day of _____, 20____, personally appeared _____

_____, to me personally known as the same person whose name is subscribed to the foregoing instrument, who acknowledged to me that such instrument was signed, sealed, and delivered as that person's free and voluntary act for the uses and purposes set forth therein.

[Seal]

Notary Public
 My Commission Expires _____

IN TESTIMONY WHEREOF, I/we has(have) executed this Assignment on the dates stated after my(our) respective signature(s).

Name	Signature (please sign in the box below)	Date	Address & Citizenship
Hille Fieten			c/o Department of Clinical Sciences of Companion Animals, Faculty of Veterinary Medicine, University of Utrecht, P.O. Box 80154 3508 TD Netherlands Citizenship: _____

FOR INVENTORS OUTSIDE THE UNITED STATES ONLY:

_____, whose name and signature appear above, signed this
 (insert printed name of signatory on this line)

instrument in our presence.

Witnessed by: _____ Date: _____
 Signature

 Printed Name of Witness

Witnessed by: _____ Date: _____
 Signature

 Printed Name of Witness

FOR US INVENTORS, NOTARY IS REQUIRED

State of _____)
 _____)SS
 County of _____)

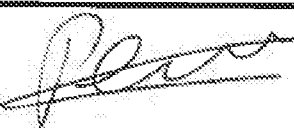
Before me this _____ day of _____, 20____, personally appeared _____

_____, to me personally known as the same person whose name is subscribed to the foregoing instrument, who acknowledged to me that such instrument was signed, sealed, and delivered as that person's free and voluntary act for the uses and purposes set forth therein.

[Seal]

 Notary Public
 My Commission Expires _____


IN TESTIMONY WHEREOF, I/we has(have) executed this Assignment on the dates stated after my(our) respective signature(s).

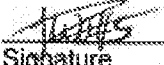
Name	Signature (please sign in the box below)	Date	Address & Citizenship
Pieter Antonius Jozef Leegwater		3 aug 17	c/o Department of Clinical Sciences of Companion Animals, Faculty of Veterinary Medicine, University of Utrecht, P.O. Box 80154 3508 TD Netherlands Citizenship: _____

FOR INVENTORS OUTSIDE THE UNITED STATES ONLY:

Pieter Antonius Jozef Leegwater, whose name and signature appear above, signed this
(insert printed name of signatory on this line)

instrument in our presence.

Witnessed by:  Date: 03 08 2017
Signature
Printed Name of Witness J. Wolfswinkel

Witnessed by:  Date: 03 08 2017
Signature
Printed Name of Witness J. Wolfs

FOR US INVENTORS, NOTARY IS REQUIRED

State of _____)
)SS
County of _____)

Before me this _____ day of _____, 20____, personally appeared

_____ to me personally known as the same person whose name is subscribed to the foregoing instrument, who acknowledged to me that such instrument was signed, sealed, and delivered as that person's free and voluntary act for the uses and purposes set forth therein.

[Seal]

Notary Public
My Commission Expires _____