

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT4747096

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
WILLEM FREDERIK JOHAN KARSTENS	09/27/2013
MARIO VAN DER STELT	09/30/2013
JOS CALS	09/30/2013
RITA CORTE REAL GONCALVES AZEVEDO	10/02/2013
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	MERCK SHARP & DOHME B.V.
<b>Street Address:</b>	WAARDERWEG 39
<b>City:</b>	HAARLEM
<b>State/Country:</b>	NETHERLANDS
<b>Postal Code:</b>	2031 BN
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15463371
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(617)523-1231
<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>Phone:</b>	(617) 570-8745
<b>Email:</b>	jrummler@goodwinlaw.com, tayube@goodwinlaw.com, patentbos@goodwinlaw.com
<b>Correspondent Name:</b>	GOODWIN PROCTER LLP
<b>Address Line 1:</b>	100 NORTHERN AVENUE
<b>Address Line 4:</b>	BOSTON, MASSACHUSETTS 02210
<b>ATTORNEY DOCKET NUMBER:</b>	LYC-055DV2
<b>NAME OF SUBMITTER:</b>	JEFFREY R. RUMMLER
<b>SIGNATURE:</b>	/Jeffrey R. Rummler/
<b>DATE SIGNED:</b>	12/21/2017
<b>Total Attachments: 5</b>	
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## WORLDWIDE ASSIGNMENT

WHEREAS, I/WE,

(1) Willem Frederik Johan Karstens	located at	Berghem, The Netherlands,
(2) Mario van der Stelt	located at	Utrecht, The Netherlands,
(3) Jos Cals	located at	Oss, The Netherlands,
(4) Rita Corte Real Goncalves Azevedo	located at	Hertogenbosch, The Netherlands,

(hereinafter ASSIGNOR(S)), together with

(5) Kenneth Jay Barr	located at	Boston, Massachusetts,
(6) Hongjun Zhang	located at	Newton, Massachusetts,
(7) Richard Thomas Beresit	located at	Shanghai, China
(7) Dongshan Zhang	located at	Shanghai, China
(7) Xiaobang Duan	located at	Shanghai, China

are the inventors of the invention described in an application for Patents having the Attorney Docket Number indicated above and the following Title of the invention:

RORgammaT inhibitors

and/or in the following application(s):

EP11154188.4 filed on February 11, 2011 (EP priority application)  
PCT/CN12/071017 filed on February 10, 2012 (PCT International application)

WHEREAS I/WE covenant that the rights and property herein conveyed are free and clear of any encumbrance, and that I/we have the full right to convey the same as herein expressed.

WHEREAS, Merck Sharp & Dohme B.V., a corporation organized under the laws of the Netherlands, having its principle office at Waarderweg 39, 2031 BN Haarlem, the Netherlands, and its successors, assigns and legal representatives (hereinafter ASSIGNEE), is desirous of obtaining the entire right, title and interest in, to and under the invention disclosed in said application or applications;

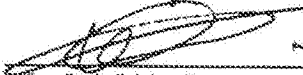
NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, I/we, said ASSIGNOR(S), do each hereby sell, assign and transfer or confirm the grant and assignment to said ASSIGNEE my/our entire right, title and interest in all countries of the world in and to my/our invention described in said application for Patents, 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 application for Patents 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 relating to patents or intellectual property, in and to any and all Letters Patent that are granted from the aforesaid application for Patents, 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, reexaminations, reissues, renewals and extensions thereof of any of said Letters Patent, the same to be held and enjoyed by said ASSIGNEE, to the full ends of the terms for which all Letters Patent therefore 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 I/WE HEREBY covenant and agree that we will at any time, upon the request and at the expense of ASSIGNEE, without further compensation or charge to said 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, reexaminations, reissues, renewals and extensions thereof in the name of ASSIGNEE, 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 will make all rightful oaths and declarations and do all lawful acts requisite for procuring the same or for aiding therein.

I/WE HEREBY authorize ASSIGNEE to insert in this instrument the Application Number(s) and the filing date(s) of said application for Patents when officially notified thereof.

This document may be executed in any number of counterparts, each of which so executed shall be deemed to be an original, but all such components shall together constitute but one and the same document.

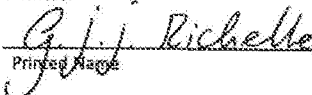
Executed this 27<sup>th</sup> day of SEPTEMBER, 2013.

  
Willem Frederik Johan Karstens (s)

## ACKNOWLEDGEMENT

On this 27<sup>th</sup> day of SEPTEMBER, 2013, Willem Frederik Johan Karstens personally appeared before me 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.

Witness:

  
Printed Name

  
Signature

Executed this \_\_\_\_\_ day of \_\_\_\_\_, 2013.

\_\_\_\_\_  
Mario van der Stelt (s)

## ACKNOWLEDGEMENT

On this \_\_\_\_\_ day of \_\_\_\_\_, 2013, Mario van der Stelt personally appeared before me 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.

Witness:

\_\_\_\_\_  
Printed Name

\_\_\_\_\_  
Signature

Executed this \_\_\_\_\_ day of \_\_\_\_\_, 2013.

\_\_\_\_\_  
Jos Cals (s)

## ACKNOWLEDGEMENT

On this \_\_\_\_\_ day of \_\_\_\_\_, 2013, Jos Cals personally appeared before me 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.

Witness:

\_\_\_\_\_  
Printed Name

\_\_\_\_\_  
Signature

Executed this \_\_\_\_\_ day of \_\_\_\_\_, 2013.

\_\_\_\_\_  
Willem Frederik Johan Karstens (1)

## ACKNOWLEDGEMENT

On this \_\_\_\_\_ day of \_\_\_\_\_, 2013, Willem Frederik Johan Karstens personally appeared before me 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.

Witness:

\_\_\_\_\_  
Printed Name\_\_\_\_\_  
SignatureExecuted this 30 day of September, 2013.\_\_\_\_\_  
Mario van der Stelt (1)

## ACKNOWLEDGEMENT

On this 30 day of September, 2013, Mario van der Stelt personally appeared before me 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.

Witness:

\_\_\_\_\_  
Majolein Soethoudt  
Printed Name\_\_\_\_\_  
Signature

Executed this \_\_\_\_\_ day of \_\_\_\_\_, 2013.

\_\_\_\_\_  
Jos Cals (1)

## ACKNOWLEDGEMENT

On this \_\_\_\_\_ day of \_\_\_\_\_, 2013, Jos Cals personally appeared before me 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.

Witness:

\_\_\_\_\_  
Printed Name\_\_\_\_\_  
Signature

Executed this \_\_\_\_\_ day of \_\_\_\_\_, 2013.

\_\_\_\_\_  
Willem Frederik Johan Karstens (i)

## ACKNOWLEDGEMENT

On this \_\_\_\_\_ day of \_\_\_\_\_, 2013, Willem Frederik Johan Karstens personally appeared before me 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.

Witness:

\_\_\_\_\_  
Printed Name\_\_\_\_\_  
Signature

Executed this \_\_\_\_\_ day of \_\_\_\_\_, 2013.

\_\_\_\_\_  
Mario van der Stelt (i)

## ACKNOWLEDGEMENT

On this \_\_\_\_\_ day of \_\_\_\_\_, 2013, Mario van der Stelt personally appeared before me 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.

Witness:

\_\_\_\_\_  
Printed Name\_\_\_\_\_  
SignatureExecuted this 30th day of September, 2013.\_\_\_\_\_  
Jos Cals

## ACKNOWLEDGEMENT

On this 30th day of September, 2013, Jos Cals personally appeared before me 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.

Witness:

\_\_\_\_\_  
Printed Name\_\_\_\_\_  
Signature

Merck Attorney Docket No.: 2011.190

Worldwide Assignment

Executed this 2nd day of OCTOBER, 2013.

Rita Corte Real Gonçalves Azevedo  
Rita Corte Real Gonçalves Azevedo is

ACKNOWLEDGEMENT

On this 2nd day of OCTOBER, 2013, Rita Corte Real Gonçalves Azevedo personally appeared before me 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.

Witness:

STEFAN VERHOEVEN  
Printed Name

[Signature]  
Signature