

## PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT2677879

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>NADINE BREMEYER</td> <td>08/24/2012</td> </tr> <tr> <td>JEREMY SCOTT</td> <td>06/12/2012</td> </tr> <tr> <td>DAVID LIEBERMAN</td> <td>06/11/2012</td> </tr> <tr> <td>FAYE SHEEN</td> <td>07/12/2012</td> </tr> </tbody> </table>		Name	Execution Date	NADINE BREMEYER	08/24/2012	JEREMY SCOTT	06/12/2012	DAVID LIEBERMAN	06/11/2012	FAYE SHEEN	07/12/2012
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RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>MERCK SHARP &amp; DOHME LTD.</td> </tr> <tr> <td>Street Address:</td> <td>HERTFORD ROAD</td> </tr> <tr> <td>City:</td> <td>HODDESDON, HERTFORDSHIRE</td> </tr> <tr> <td>State/Country:</td> <td>UNITED KINGDOM</td> </tr> <tr> <td>Postal Code:</td> <td>EN11 9BU</td> </tr> </table>		Name:	MERCK SHARP & DOHME LTD.	Street Address:	HERTFORD ROAD	City:	HODDESDON, HERTFORDSHIRE	State/Country:	UNITED KINGDOM	Postal Code:	EN11 9BU
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CORRESPONDENCE DATA											
<p>Fax Number: (732)594-4720</p> <p>Phone: 732 594-4000</p> <p>Email: us_efs@merck.com</p> <p><i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i></p> <p>Correspondent Name: MERCK &amp; CO. INC.</p> <p>Address Line 1: P. O. BOX 2000</p> <p>Address Line 2: RY86-2011A</p> <p>Address Line 4: RAHWAY, NEW JERSEY 07065</p>											
ATTORNEY DOCKET NUMBER:	23229-US-PCT										
NAME OF SUBMITTER:	PAMELA SPALDING										

Signature:	/Pamela Spalding/
Date:	01/13/2014
<b>Total Attachments: 8</b> source=23229USPCT-UKASSIGN-13JAN2014#page1.tif source=23229USPCT-UKASSIGN-13JAN2014#page2.tif source=23229USPCT-UKASSIGN-13JAN2014#page3.tif source=23229USPCT-UKASSIGN-13JAN2014#page4.tif source=23229USPCT-UKASSIGN-13JAN2014#page5.tif source=23229USPCT-UKASSIGN-13JAN2014#page6.tif source=23229USPCT-UKASSIGN-13JAN2014#page7.tif source=23229USPCT-UKASSIGN-13JAN2014#page8.tif	

**WORLDWIDE ASSIGNMENT**

WHEREAS, I/WE,

(1) Nadine Bremeyer, located at Hertfordshire, United Kingdom

(hereinafter ASSIGNOR(S)), is/are the inventor(s) of the invention described in an application for Patents having the Attorney Docket Number indicated above and the following Title of the Invention:

**PROCESS FOR PREPARING CHIRAL DIPEPTIDYL PEPTIDASE-IV INHIBITORS**

and/or in the following application(s):

U.S. Provisional Application No. 61/502,497 filed on 6/29/2011;

U.S. Application No. 14/119,063 having a filing date of 11/20/2013; and

PCT International Application No. PCT/US2012/043924 having a filing date of 6/25/2012.

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 Ltd., a corporation organized under the laws of the State of New Jersey, having an office at Hertford Road, Hoddesdon, Hertfordshire, United Kingdom EN11 9BU 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 24 day of August, 2012.

Nadine Bremeyer  
Nadine Bremeyer

**ACKNOWLEDGEMENT**

On this 24<sup>th</sup> day of August, 2012, personally appeared before me **Nadine Bremeyer** to me known, and known by me to be the same person(s) 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.

Suzanne  
Witness

Worldwide Assignment

Attorney Docket No.: 23229

**WORLDWIDE ASSIGNMENT**

WHEREAS, I/WE,  
(1) Jeremy Scott, located at Hertfordshire, United Kingdom

(hereinafter ASSIGNOR(S)), is/are the inventor(s) of the invention described in an application for Patents having the Attorney Docket Number indicated above and the following Title of the Invention:

**PROCESS FOR PREPARING CHIRAL DIPEPTIDYL PEPTIDASE-IV INHIBITORS**

and/or in the following application(s):

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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 Ltd., a corporation organized under the laws of the State of New Jersey, having an office at Hertford Road, Hoddesdon, Hertfordshire, United Kingdom EN11 9BU 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.

Worldwide Assignment

Attorney Docket No.: 23229

Executed this 12th day of June, 2012.

  
\_\_\_\_\_  
Jeremy Scott

**ACKNOWLEDGEMENT**

On this 12 day of June, 2012, personally appeared before me **Jeremy Scott** to me known, and known by me to be the same person(s) 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

Worldwide Assignment

Attorney Docket No.: 23229

**WORLDWIDE ASSIGNMENT**

WHEREAS, I/WE,  
(1) David Lieberman, located at London, United Kingdom

(hereinafter ASSIGNOR(S)), is/are the inventor(s) of the invention described in an application for Patents having the Attorney Docket Number indicated above and the following Title of the Invention:

**PROCESS FOR PREPARING CHIRAL DIPEPTIDYL PEPTIDASE-IV INHIBITORS**

and/or in the following application(s):

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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.

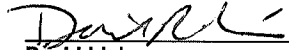
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Worldwide Assignment

Attorney Docket No.: 23229

Executed this 11 day of June, 2012

  
\_\_\_\_\_  
David Lieberman

**ACKNOWLEDGEMENT**

On this 11 day of June, 2012 personally appeared before me **David Lieberman** to me known, and known by me to be the same person(s) 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

Worldwide Assignment

Attorney Docket No.: 23229

**WORLDWIDE ASSIGNMENT**

WHEREAS, I/WE,  
(1) Faye Sheen, located at Hertfordshire, United Kingdom

(hereinafter ASSIGNOR(S)), is/are the inventor(s) of the invention described in an application for Patents having the Attorney Docket Number indicated above and the following Title of the Invention:

**PROCESS FOR PREPARING CHIRAL DIPEPTIDYL PEPTIDASE-IV INHIBITORS**

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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.

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Worldwide Assignment

Attorney Docket No.: 23229

Executed this 12<sup>th</sup> day of July, 2012.

Faye Sheen  
Faye Sheen

**ACKNOWLEDGEMENT**

On this 12 day of July, 2012, personally appeared before me **Faye Sheen** to me known, and known by me to be the same person(s) 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.

C. Z. D. J.  
Witness