

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT2664605

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>ITZIA ARROYO</td> <td>05/31/2012</td> </tr> <tr> <td>PING CHEN</td> <td>05/31/2012</td> </tr> <tr> <td>AARON MOMENT</td> <td>05/31/2012</td> </tr> <tr> <td>TESFAYE BIFTU</td> <td>05/31/2012</td> </tr> <tr> <td>DAVIDA KRUEGER</td> <td>06/26/2012</td> </tr> <tr> <td>FAYE SHEEN</td> <td>07/12/2012</td> </tr> <tr> <td>YANFENG ZHANG</td> <td>07/24/2012</td> </tr> </tbody> </table>		Name	Execution Date	ITZIA ARROYO	05/31/2012	PING CHEN	05/31/2012	AARON MOMENT	05/31/2012	TESFAYE BIFTU	05/31/2012	DAVIDA KRUEGER	06/26/2012	FAYE SHEEN	07/12/2012	YANFENG ZHANG	07/24/2012
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Application Number:	14118998																
CORRESPONDENCE DATA																	
Fax Number:	(732)594-4720																

Phone: 732 594-4000
Email: us_efs@merck.com
Correspondence will be sent via US Mail when the email attempt is unsuccessful.
Correspondent Name: MERCK & CO. INC.
Address Line 1: P. O. BOX 2000
Address Line 2: RY86-2011A
Address Line 4: RAHWAY, NEW JERSEY 07065

NAME OF SUBMITTER:	PAMELA SPALDING
Signature:	/Pamela Spalding/
Date:	01/02/2014

Total Attachments: 9
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WORLDWIDE ASSIGNMENT

WHEREAS, I/WE,

- (1) Itzia Arroyo, located at Union, NJ
- (2) Ping Chen, located at Edison, NJ
- (3) Aaron Moment, located at Middletown, NJ
- (4) Tesfaye Biftu, located at Freehold, NJ

(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:

NOVEL CRYSTALLINE FORMS OF A DIPEPTIDYL PEPTIDASE-IV INHIBITOR

and/or in the following application(s):

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

U.S. Application No. 14/118,998 having a filing date of 11/20/2013; and

PCT International Application No. PCT/US2012/043922 having a filing date of June, 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 Corp., a corporation organized under the laws of the State of New Jersey, having an office at 126 East Lincoln Avenue, Rahway, New Jersey 07065, 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 31st day of May, 2012

[Signature]
Itzia Arroyo

ACKNOWLEDGEMENT

State of New Jersey)
) s.s.:
County of Union)

On this 31st day of May, 2012, personally appeared before me Itzia Arroyo 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.

(Seal)

Pamela S. Spalding
Notary Public

PAMELA S. SPALDING
NOTARY PUBLIC OF NEW JERSEY
My Commission Expires January 6, 2014

Executed this 31st day of May, 2012

[Signature]
Ping Chen

ACKNOWLEDGEMENT

State of New Jersey)
) s.s.:
County of Union)

On this 31st day of May, 2012, personally appeared before me Ping Chen 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.

(Seal)

Pamela S. Spalding
Notary Public

PAMELA S. SPALDING
NOTARY PUBLIC OF NEW JERSEY
My Commission Expires January 6, 2014

Executed this 31st day of May, 2012.

Aaron Moment
Aaron Moment

ACKNOWLEDGEMENT

State of New Jersey)
) s.s.:
County of Union)

On this 31st day of May, 2012, personally appeared before me **Aaron Moment** 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.

(Seal)

Pamela S. Spalding
Notary Public

PAMELA S. SPALDING
NOTARY PUBLIC OF NEW JERSEY
My Commission Expires January 6, 2014

Executed this 31st day of May, 2012.

Tesfaye Biftu
Tesfaye Biftu

ACKNOWLEDGEMENT

State of New Jersey)
) s.s.:
County of Union)

On this 31st day of May, 2012, personally appeared before me **Tesfaye Biftu** 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.

(Seal)

Pamela S. Spalding
Notary Public

WORLDWIDE ASSIGNMENT

WHEREAS, I/WE,
(1) Davida Krueger, located at Brooklyn, NY

(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:

NOVEL CRYSTALLINE FORMS OF A DIPEPTIDYL PEPTIDASE-IV INHIBITOR

and/or in the following application(s):

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U.S. Application No. 14/118,998 having a filing date of 11/20/2013; and

PCT International Application No. PCT/US2012/043922 having a filing date of June 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 Corp., a corporation organized under the laws of the State of New Jersey, having an office at 126 East Lincoln Avenue, Rahway, New Jersey 07065, 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 26 day of June, 2012.

David Krueger
David Krueger

ACKNOWLEDGEMENT

State of New York)
) s.s.:
County of New York)

On this 26 day of June, 2012, personally appeared before me **David Krueger** 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.

(Seal)

Yvonne S. Mangan
Notary Public

YVONNE S. MANGAN
Notary Public, State of New York
No. 01MA6015713
Qualified in Richmond County
Commission Expires Nov. 2, 2014

Worldwide Assignment

Attorney Docket No.: 23086

WORLDWIDE ASSIGNMENT

WHEREAS, I/WE,

(1) Faye Sheen, located at Hertford, 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:

NOVEL CRYSTALLINE FORMS OF A DIPEPTIDYL PEPTIDASE-IV INHIBITOR

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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 country of the United Kingdom, having an office at Hertford Road, Hoddesdon, Hertfordshire, EN11 9BU United Kingdom, 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.

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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 12th day of July, 2012

Faye Sheen
Faye Sheen

ACKNOWLEDGEMENT

On this 12th 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. D. Ryan
Witness

WORLDWIDE ASSIGNMENT

WHEREAS, I/WE,
(1) Yanfeng Zhang, located at Zhejiang, China

(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:

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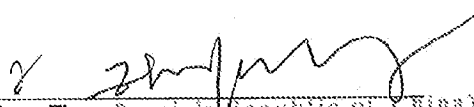
NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, I/we, said ASSIGNOR(S), do each hereby sell, assign and transfer or confirm the grant and assignment to said **ASSIGNEE** my/our entire right, title and interest in all countries of the world in and to my/our 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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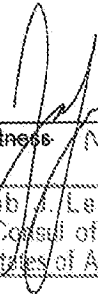
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This document may be executed in any number of counterparts, each of which so executed shall be deemed to be an original, but all such components shall together constitute but one and the same document.

Executed this 24th day of July, 2012


Yanfeng Zhang (People's Republic of China)
Municipality of Shanghai }
Consulate General of the } SS
United States of America }

On this 24th day of July, 2012, personally appeared before me Yanfeng Zhang 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 ~~Notary~~
Jacob J. Levin
Vice Consul of the
United States of America

American Consulate General
Shanghai China

PRESIDENTIAL COMMISSIONS DO NOT EXPIRE