

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT2603589

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>PETER LIN</td> <td>04/20/2010</td> </tr> <tr> <td>LEHUA CHANG</td> <td>04/15/2010</td> </tr> <tr> <td>SCOTT D. EDMONDSON</td> <td>04/15/2010</td> </tr> </tbody> </table>		Name	Execution Date	PETER LIN	04/20/2010	LEHUA CHANG	04/15/2010	SCOTT D. EDMONDSON	04/15/2010
Name	Execution Date								
PETER LIN	04/20/2010								
LEHUA CHANG	04/15/2010								
SCOTT D. EDMONDSON	04/15/2010								
RECEIVING PARTY DATA									
Name:	MERCK SHARP & DOHME CORP.								
Street Address:	126 EAST LINCOLN AVENUE								
Internal Address:	RY862011-A								
City:	RAHWAY								
State/Country:	NEW JERSEY								
Postal Code:	07065								
PROPERTY NUMBERS Total: 1									
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13319250</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13319250				
Property Type	Number								
Application Number:	13319250								
CORRESPONDENCE DATA									
Fax Number:	(732)594-4720								
Phone:	732-594-1652								
Email:	us_efs@merck.com								
<i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i>									
Correspondent Name:	MERCK SHARP & DOHME CORP.								
Address Line 1:	P.O. BOX 2000								
Address Line 2:	RY862011-A								
Address Line 4:	RAHWAY, NEW JERSEY 07065								
ATTORNEY DOCKET NUMBER:	MRLBRE22545								
NAME OF SUBMITTER:	PATRICIA A. SHATYNSKI								

Signature:	/Patricia A. Shatynski, Reg. # 43109/
Date:	11/05/2013
Total Attachments: 4 source=MRLBRE22545-ASSIGN-05NOVEMBER2013#page1.tif source=MRLBRE22545-ASSIGN-05NOVEMBER2013#page2.tif source=MRLBRE22545-ASSIGN-05NOVEMBER2013#page3.tif source=MRLBRE22545-ASSIGN-05NOVEMBER2013#page4.tif	

Attorney Docket Number MRL-BRE-22545
U.S. Serial No. 13/319,250
Filing Date 11/07/2011
PCT Appl. No. _____
Filing Date _____

ASSIGNMENT AND AGREEMENT

For value received, I, Peter Lin
residing in: Edison, New Jersey, USA

hereby sell, assign and transfer or confirm the grant and assignment to MERCK SHARP & DOHME CORP., a corporation of the State of New Jersey, having an office at Lincoln Avenue, City of Rahway, State of New Jersey, and its successors, assigns and legal representatives, my entire right, title and interest, for all countries, in and to certain inventions relating to

PYRROLIDINE-DERIVED BETA 3 ADRENERGIC RECEPTOR AGONISTS

described in an application for Patents having Attorney Docket Number MRL-BRE-22545 and in application(s)
Serial No. 61/176,654 filed on 05/08/2009 ; Serial No. _____ filed on _____ ;
Serial No. _____ filed on _____ (if applicable),

and all my rights and privileges, including any and all benefits under the International Convention for the Protection of Industrial Property, under any and all Patents which may be granted therefor, and under any and all extensions, divisionals, reissues and continuations of said application for Patents, including any foreign applications derived therefrom, equivalent thereto or claiming priority thereof.


I request that any and all Patents for said inventions be issued to said assignee, or to its successors, assigns and legal representatives, or to such nominees as it may designate.

I agree that, when requested, I will, without charge to said assignee but at its expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable or convenient for securing and maintaining Patents for said inventions in any and all countries and for vesting title thereto in said assignee, its successors, assigns and legal representatives or nominees.

I covenant with said assignee, its successors, assigns and legal representatives, that the rights and property herein conveyed are free and clear of any encumbrance, and that I have full right to convey the same as herein expressed.

I hereby authorize my attorney Yong Zhao _____
or an attorney with Power of Attorney in this application, of the said MERCK SHARP & DOHME CORP., to insert the **Serial No. (s)**,
PCT Appl. No. (s), and **Filing Date (s)** of said application(s) when known.

Signed at Rahway, NJ this 20th day of April, 2010.


Peter Lin

Attorney Docket Number MRL-BRE-22545

U.S. Serial No. 13/319,250

Filing Date 11/07/2011

PCT Appl. No. _____

Filing Date _____

ASSIGNMENT AND AGREEMENT

STATE OF NEW JERSEY _____

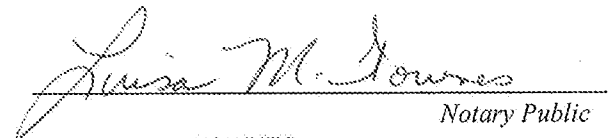
County of Union _____

} SS.

Personally appeared before me the above-named Peter Lin

to me known and known to me to be the person who executed the foregoing instrument and acknowledged said instrument to be his

free act and deed this 20th day of April, 2010.


Notary Public

LUISA M. TOWNES
NOTARY PUBLIC OF NEW JERSEY
My Commission Expires 9/1/2014

Attorney Docket Number MRL-BRE-22545
U.S. Serial No. 13/319,250
Filing Date 11/07/2011
PCT Appl. No. _____
Filing Date _____

ASSIGNMENT AND AGREEMENT

For value received, we, Lehua Chang and Scott D. Edmondson

residing in: Ramsey, New Jersey, USA;
Clark, New Jersey, USA; respectively,

hereby sell, assign and transfer or confirm the grant and assignment to MERCK SHARP & DOHME CORP., a corporation of the State of New Jersey, having an office at Lincoln Avenue, City of Rahway, State of New Jersey, and its successors, assigns and legal representatives, our entire right, title and interest, for all countries, in and to certain inventions relating to
PYRROLIDINE-DERIVED BETA 3 ADRENERGIC RECEPTOR AGONISTS

described in an application for Patents having Attorney Docket Number MRL-BRE-22545 and in application(s)
Serial No. 61/176,654 filed on 05/08/2009 ; Serial No. filed on ;
Serial No. filed on (if applicable),

and all our rights and privileges, including any and all benefits under the International Convention for the Protection of Industrial Property, under any and all Patents which may be granted therefor, and under any and all extensions, divisionals, reissues and continuations of said application for Patents, including any foreign applications derived therefrom, equivalent thereto or claiming priority thereof.

We request that any and all Patents for said inventions be issued to said assignee, or to its successor, assigns and legal representatives, or to such nominees as it may designate.

We agree that, when requested, we will, without charge to said assignee but at its expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable or convenient for securing and maintaining Patents for said inventions in any and all countries and for vesting title thereto in said assignee, its successors, assigns and legal representatives or nominees.

We covenant with said assignee, its successors, assigns and legal representatives, that the rights and property herein conveyed are free and clear of any encumbrance, and that we have full right to convey the same as herein expressed.

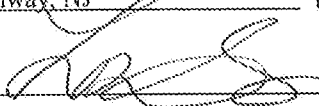
This document may be executed in any number of counterparts, each of which so executed shall be deemed to be an original, but all such counterparts shall together constitute but one and the same document.

We hereby authorize our attorney, Yong Zhao or an attorney with Power of Attorney in this application, of the said MERCK SHARP & DOHME CORP., to insert **Serial No. (s)**, **PCT Appl. No. (s)** and **Filing Date (s)** of said application(s) when known.

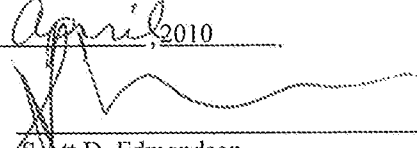
Attorney Docket Number MRL-BRE-22545
U.S. Serial No. 13/314,250
Filing Date 11/07/2011
PCT Appl. No. _____
Filing Date _____

ASSIGNMENT AND AGREEMENT

Signed at Rahway, NJ this 15th day of April, 2010



Lehua Chang



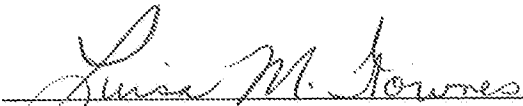
Scott D. Edmondson

STATE OF NEW JERSEY }
County of Union } SS.

Personally appeared before me the above-named Lehua Chang

Scott D. Edmondson

to me known and known to me to be the person(s) who executed the foregoing instrument and acknowledged said instrument to be their free act and deed this 15th day of April, 2010.



LUIZA M. TOWNES
NOTARY PUBLIC OF NEW JERSEY
My Commission Expires 8/1/2014
Notary Public