

PATENT ASSIGNMENT COVER SHEET

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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>SCOTT D. KUDUK</td> <td>09/14/2011</td> </tr> <tr> <td>RONALD K CHANG</td> <td>09/14/2011</td> </tr> <tr> <td>THOMAS J. GRESHOCK</td> <td>09/14/2011</td> </tr> </tbody> </table>		Name	Execution Date	SCOTT D. KUDUK	09/14/2011	RONALD K CHANG	09/14/2011	THOMAS J. GRESHOCK	09/14/2011
Name	Execution Date								
SCOTT D. KUDUK	09/14/2011								
RONALD K CHANG	09/14/2011								
THOMAS J. GRESHOCK	09/14/2011								
RECEIVING PARTY DATA									
Name:	MERCK SHARP & DOHME CORP.								
Street Address:	126 EAST LINCOLN AVENUE								
Internal Address:	RY86 2011A								
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>13825137</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13825137				
Property Type	Number								
Application Number:	13825137								
CORRESPONDENCE DATA									
Fax Number:	(732)594-6200								
Phone:	7325944909								
Email:	us_efs@merck.com								
<i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i>									
Correspondent Name:	SYLVIA A. AYLER								
Address Line 1:	126 EAST LINCOLN AVENUE								
Address Line 2:	RY86 2011A								
Address Line 4:	RAHWAY, NEW JERSEY 07065								
ATTORNEY DOCKET NUMBER:	MRLNOP000130								
NAME OF SUBMITTER:	CHRISTINE KANELIDIS								

Signature:	/christinekanellidis/
Date:	01/13/2014
Total Attachments: 2 source=MRLNOP00130-ASN#page1.tif source=MRLNOP00130-ASN#page2.tif	

WORLDWIDE ASSIGNMENT

WHEREAS, I/WE,

- (1) Scott D. Kuduk, located at Harleysville, PA,
- (2) Ronald K. Chang, located at Oreland, PA
- (3) Thomas J. Greshock, located at Collegeville, PA

(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:

DIHYDROBENZOQUINAZOLINONE M1 RECEPTOR POSITIVE ALLOSTERIC MODULATORS

and in the following application(s):

U.S. Provisional Application No. 61/389,334 filed on October 4, 2010;
U.S. Application No. _____ having a filing date of _____; and
PCT International Application No. _____ having a filing date of _____.

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 New Jersey, having an office at Rahway, 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 ^{14th} ~~3rd~~ day of Sept, 2011.

Scott D. Kuduk
Scott D. Kuduk

Ronald K. Chang
Ronald K. Chang

Thomas J. Greshock
Thomas J. Greshock

ACKNOWLEDGEMENT

Commonwealth of PA)
County of MONTGOMERY) s.s.:

On this 14 day of Sept., 2011, personally appeared before me **Scott D. Kuduk, Ronald K. Chang, and Thomas J. Greshock** 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)

Marjorie M. Bennett
Marjorie M. Bennett

Executed this ____ day of _____, 2011.

COMMONWEALTH OF PENNSYLVANIA
Notarial Seal
Marjorie M. Bennett, Notary Public
Upper Gwynedd Twp., Montgomery County
My Commission Expires Jan. 24, 2015
MEMBER, PENNSYLVANIA ASSOCIATION OF NOTARIES