

PATENT ASSIGNMENT

Electronic Version v1.1

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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>Harold G. SELNICK</td> <td>01/22/2013</td> </tr> <tr> <td>Kun LIU</td> <td>01/21/2013</td> </tr> </tbody> </table>		Name	Execution Date	Harold G. SELNICK	01/22/2013	Kun LIU	01/21/2013
Name	Execution Date						
Harold G. SELNICK	01/22/2013						
Kun LIU	01/21/2013						
RECEIVING PARTY DATA							
Name:	Merck Sharp & Dohme Corp.						
Street Address:	126 East Lincoln Avenue						
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>13697179</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13697179		
Property Type	Number						
Application Number:	13697179						
CORRESPONDENCE DATA							
Fax Number:	6174287045						
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>							
Phone:	6174280200						
Email:	patentadministrator@clarkelbing.com						
Correspondent Name:	Michael J. Belliveau, Ph.D.						
Address Line 1:	Clark & Elbing LLP						
Address Line 2:	101 Federal Street						
Address Line 4:	Boston, MASSACHUSETTS 02110						
ATTORNEY DOCKET NUMBER:	50842-008001						
NAME OF SUBMITTER:	Michael J. Belliveau, Ph.D.						
Total Attachments: 6 source=50842_008001_Assignment_Selnick#page1.tif source=50842_008001_Assignment_Selnick#page2.tif source=50842_008001_Assignment_Selnick#page3.tif source=50842_008001_Assignment_Selnick#page4.tif source=50842_008001_Assignment_Selnick#page5.tif source=50842_008001_Assignment_Selnick#page6.tif							

CH \$40.00 13697179

WORLDWIDE ASSIGNMENT

WHEREAS, I/WE,

- (1) Harold G. Selnick, located at West Point, PA,
- (2) Kun Liu, located at Shanghai, China,
- (3) , located at ,
- (4) , located at ,
- (5) , located at ,

(hereinafter ASSIGNOR(S)), together with Ernest J. McEachern, located at Burnaby, British Columbia, Canada; David J. Vocadlo, located at Burnaby, British Columbia, Canada; and Tong-Shuang Li, located at Burnaby, British Columbia, Canada, 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:

SELECTIVE GLYCOSIDASE INHIBITORS AND USES THEREOF

and/or in the following application(s):

U.S. Provisional Application No. 61/333,686 filed on May 11, 2011;
U.S. Provisional Application No. 61/426,569, filed on December 23, 2010;
U.S. Application No. _____ having a filing date of _____; and
PCT International Application No. PCT/CA2011/000548 having a filing date of May 10, 2011.

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 22 day of January, 2013

Harold G. Sehnick
Harold G. Sehnick

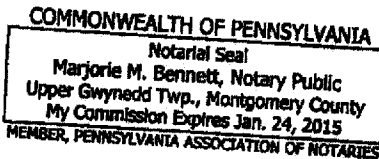
ACKNOWLEDGEMENT

Commonwealth of Pennsylvania) s.s.:
County of Montgomery)

On this 22 day of January, 2013, personally appeared before me Harold G. Sehnick 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
Notary Public



Executed this ___ day of _____, 20__.

ACKNOWLEDGEMENT

_____ of _____) s.s.:
County of _____)

On this ___ day of _____, 20__, 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.

(Seal)

Notary Public

Worldwide Assignment

Executed this ____ day of _____, 20__.

Kun Liu

ACKNOWLEDGEMENT

_____ of _____)
County of _____) s.s.:

On this ____ day of _____, 20__, personally appeared before me 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)

Notary Public

Executed this ____ day of _____, 20__.

ACKNOWLEDGEMENT

_____ of _____)
County of _____) s.s.:

On this ____ day of _____, 20__, 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.

(Seal)

Notary Public

WORLDWIDE ASSIGNMENT

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- (2) Kun Liu, located at Shanghai, China,
- (3) , located at ,
- (4) , located at ,
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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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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 ____ day of _____, 20__.

Harold G. Selnick

ACKNOWLEDGEMENT

_____) of _____)
County of _____) s.s.:

On this ____ day of _____, 20__, personally appeared before me 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)

Notary Public

Executed this ____ day of _____, 20__.

ACKNOWLEDGEMENT

_____) of _____)
County of _____) s.s.:

On this ____ day of _____, 20__, 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.

(Seal)

Notary Public

Worldwide Assignment

Executed this 21st day of JAN, 2013

Kun Liu

ACKNOWLEDGEMENT

STATE of NEW JERSEY
County of UNION) s.s.:

On this 21st day of JAN, 2013, personally appeared before me LIU, KUN 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)

Cai Li
Notary Public

Executed this 21st day of JAN, 2013

CAI LI
NOTARY PUBLIC
STATE OF NEW JERSEY
My Commission Expires Dec

ACKNOWLEDGEMENT

_____ of _____)
County of _____) s.s.:

On this _____ day of _____, 20____, 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.

(Seal)

Notary Public

CAI LI
NOTARY PUBLIC
STATE OF NEW JERSEY
My Commission Expires Dec. 2, 2016