## 502232409 02/15/2013

### PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

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

Property Type	Number
Application Number:	13697179

## CORRESPONDENCE DATA

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Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

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

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PATENT REEL: 029818 FRAME: 0098 TCH \$40,00 136971

502232409

Attorney Docket No.: PAT101541-W2 US

### WORLDWIDE ASSIGNMENT

WHEREAS, IWE,

- (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. Vocadio, 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 filled 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.

Computer Generated Template "Assignment-Merck Sharp & Dohme, Multiple Assignees Worldwide" (Assignment) Merck Sharp & Dohme Corp., 11/04/2010

REEL: 029818 FRAME: 0099

# Attorney Docket No.: PAT101541-W2

Executed this ZZday of Var	may, 201?	
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Harold G. Selnick		
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acknowledged that he (she) execu	ited the same, of his (her)	own free will for the purpose set forth.
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		MEMBER, PENNSYLVANIA ASSOCIATION OF NOTARIES
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ACKNOWLEDGEMENT		
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County of	) s.s.:	
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On this day of known by me to be the same personal the same, of his	, 20, pe on described in and who e (her) own free will for the	ersonally appeared before me to me known, and xecuted the foregoing instrument, and acknowledged to purpose set forth.
(Seal)		
•		Notary Public
		Notary Public

REEL: 029818 FRAME: 0100

Worldwide Assignment			
Executed this day of	, 20		
Kun Liu			
ACKNOWLEDGEMENT			
County of	) s.s.:		
On this day of to me known, and known by me to be th acknowledged that he (she) executed th	e same person(s) des	cribed in and who executed the	foregoing instrument, and
(Seal)		, ,	
		Notary Public	
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**REEL: 029818 FRAME: 0101** 

Attorney Docket No.: PAT101541-W2 US

#### WORLDWIDE ASSIGNMENT

WHEREAS, I/WE,

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

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WHEREAS IME 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 caths and declarations and do all lawful acts requisite for procuring the same or for aiding therein.

IAWE 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.

## Attorney Docket No.: PAT101541-W2

Executed this day of	
Harold G, Selnick	
ACKNOWLEDGEMENT	
of	) s.s.:
County of	
On thisday of	, 20, personally appeared before me e same person(s) described in and who executed the foregoing instrument, an e same, of his (her) own free will for the purpose set forth.
(Seal)	
	Notary Public
Executed this day of	, 20
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County of	) s.s.:
On thisday of	, 20, personally appeared before me to me known, and
known by me to be the same person de he (she) executed the same, of his (her	scribed in and who executed the foregoing instrument, and acknowledged that
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Page 2 of 3
Computer Generated Template "Assignment-Merck Sharp & Dohme. Multiple Assignees Worldwide" (Assignment) Merck Sharp & Dohme Corp. 11/04/2010

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e (she) executed the same, of his (her) own	r free will for the pu	urpose set forth.
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Page 3 of 3
Computer Generated Template "Assignment-Merck Sharp & Dohme. Multiple Assignees Worldwide" (Assignment) Merck Sharp & Dohme Corp. 11/04/2010