504062884 10/24/2016

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE: NEW ASSIGNMENT NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
CRAIG A. COBURN	04/06/2015
KUN LIU	04/08/2015
HAROLD G. SELNICK	04/08/2015

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
Patent Number:	8927507

CORRESPONDENCE DATA

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Correspondent Name: CLARK & ELBING LLP Address Line 1: 101 FEDERAL STREET

Address Line 2: 15TH FLOOR

Address Line 4: BOSTON, MASSACHUSETTS 02110

ATTORNEY DOCKET NUMBER: 51114-014001 **NAME OF SUBMITTER:** MICHAEL J. BELLIVEAU, PH.D. SIGNATURE: /Michael J. Belliveau, Ph.D./ **DATE SIGNED:** 10/24/2016

Total Attachments: 4

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PATENT REEL: 040098 FRAME: 0633

Attorney Docket No.: PAT 101487W-2

WORLDWIDE ASSIGNMENT

WHEREAS, I/WE.

- (1) Craig A. Coburn, located at Novato, CA,
- (2) Kun Liu, located at Needham, MA,
- (3) Harold G. Selnick, located at Ambler, PA,

(hereinafter ASSIGNOR(S)), together with Ernest J. McEachern, David J. Vocardlo, Yuanxi Zhou, located at Burnaby, BC, 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 Appli	cation No. 61	/467,298	filed on 03/24/2011;		
U.S. Application No	14/006,888		having a filing date of	12/04/2013	_; and
PCT International App	lication No.	PCT/CA2	2012/000247	having a filing	date
of 03/16/2012					

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.

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

PATENT

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Executed this 6/1 day of	April	, 20 <i>]5</i>
	7	
Craig A. Coburn		

CALIFORNIA ALL PURPOSE ACKNOWLEDGEMENT

Civil Code § 1819

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California			· ·	
County of Way	Λ		_ }	
On 04.06.15	_before me,	- Marti	nez, Notay P Here Insert Name and Ritle of	Jyli C
Date			Here Insert Name and Title of	the Officer
Personally appeared	Craig Y	Han	Coburn	
• • •	\mathcal{C}	Name(s) oj	f Signer(s)	

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity (ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.



Place Notary Seal Above

I certify under PENALTY OF PERJURY under the Laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature:

Signature of Notary Public

Attorney Docket No.: PAT 101487W-2

Executed this $\frac{9}{2}$ day of $\frac{APR_{1}C_{1}}{2}$, 20/5.	
Kun Llu	
ACKNOWLEDGEMENT	
Kun Liu of Boston, Mags. IN State of ph	
Kun Liu of Boston, Mass. IN State of ph County of SUFFOCK	
On this 8 day of APRIC , 2015, personally appeared before me Kun Liu to me k known by me to be the same person described in and who executed the foregoing instrument, and acknowled (she) executed the same, of his (her) own free will for the purpose set forth.	nown, and ledged that
(Seal) Rotan Public	
Notan/Public	
RHONDA YANOVITCH I	
COMMONWEATH OF	
My Commission Expires March 18, 2022	

Attorney Docket No.: PAT 101487W-2

ACKNOWLEDGEMENT

County of Montgomery

On this day of ______, 20 is_, personally appeared before me Harold G. Slenick 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)

Commonwealth of Pennsylvania

NOTARIAL SEAL Larena Parrish, Notary Public Lower Gwynedd Township, Montgomery County My Commission Expires July 25, 2016

RECORDED: 10/24/2016

REEL: 040098 FRAME: 0637