503540932 10/27/2015

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE: NEW ASSIGNMENT NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JARED N. CUMMING	11/22/2013
JACK D. SCOTT	11/22/2013
TESFAYE BIFTU	11/11/2013

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:	14650892

CORRESPONDENCE DATA

Fax Number: (732)594-4720

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

732-594-0812 Phone: Email: US efs@merck.com

Correspondent Name: MERCK

Address Line 1: 126 EAST LINCOLN AVENUE

Address Line 2: RY86-2011A

Address Line 4: RAHWAY, NEW JERSEY 07065

ATTORNEY DOCKET NUMBER: 23375-US-PCT **NAME OF SUBMITTER:** KEITH D. MACMILLAN **SIGNATURE:** /Keith D. MacMillan, Reg. No. 47212/ **DATE SIGNED:** 10/27/2015

Total Attachments: 2

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PATENT REEL: 036888 FRAME: 0046 503540932

Attorney Docket No.: 23375

WORLDWIDE ASSIGNMENT

WHEREAS, IME.

- (1) Jared N. Cumming, located at Garwood, New Jersey, USA
- (2) Jack D. Scott, located at Scotch Plains, New Jersey, USA
- (3) Tesfaye Biftu, located at Freehold, New Jersey, USA

(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:

IMINOTHIADIAZINE DIOXIDES AS BACE INHIBITORS, COMPOSITIONS, AND THEIR USE

and/or in the following application(s):

U.S. Provisional Application No. 61/73720	9, filed on <u>December 14, 2012;</u>
U.S. Application No. 14/650892	having a filing date of June 10, 201;5and
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 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. Single Assignee Worldwide" (Assignment) Merck Sharp & Dohme Corp. 11/04/2010

Attorney Docket No.: 23057

Executed this <u>22</u> day of <u>November</u> , 20 <u>13</u>
Jared N. Cumming
ACKNOWLEDGEMENT
Hak of New Jarsey
County of Unim ss.s.:
On this 220 kday of NOYUWOW, 20 13, personally appeared before me Jared N. Cumming 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 (Seal)
Executed this 22 day of November, 2013. KATHERINE MARY LALLY NOTARY PUBLIC OF NEW JERSEY My Commission Expires June 20, 2017
State of New Tersey
County of Union St.s.:
On this 221 day of Noveloco, 20 3, personally appeared before me is Jack D. Scott 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) Kashing Way Jaly
Executed this 11 day of November, 2013.
KATHERINE MARY LALLY NOTARY PUBLIC OF NEW JERSEY My Commission Expires June 20, 2017
Tesfaye Biftu
ACKNOWLEDGEMENT
State or New Jarsey
County of UNION S.S
On this / wday of
hat he (she) executed the same, of his (her) own free will for the purpose set forth.
(Seal)
Notary Public KATHERINE MARY LALLY NOTARY DI BILIC OF NEW JERSEN

Page 2 of 2
Computer Generated Template "Assignment-Merck Sharp & Dohme. Single Assignee Worldwide" (Assignment) Merck Sharp & Dohme Corp. 11/04/2010

REEL: 036888 FRAME: 0048