## 503745172 03/21/2016

# 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
DAVID EARL KAELIN JR	11/12/2013
JACK D. SCOTT	11/22/2013
ANDREW W. STAMFORD	12/10/2013
ULRICH ISERLOH	11/21/2013

### **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:	14653681

## **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.

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

Correspondent Name: MERCK SHARP & DOHME CORP.
Address Line 1: 126 EAST LINCOLN AVENUE

Address Line 2: RY86-2011A

Address Line 4: RAHWAY, NEW JERSEY 07065

ATTORNEY DOCKET NUMBER:	23053-US-PCT
NAME OF SUBMITTER:	BARBARA A. MULLER
SIGNATURE:	/BARBARA A. MULLER/
DATE SIGNED:	03/21/2016

Total Attachments: 8

PATENT REEL: 038044 FRAME: 0044

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PATENT REEL: 038044 FRAME: 0045

#### WORLDWIDE ASSIGNMENT

#### WHEREAS, I/WE,

- (1) Jared N. Cumming, located at Garwood, New Jersey, USA
- (2) David Earl Kaelin Jr., located at East Brunswick, New Jersey, USA
- (3) Jack D. Scott, located at Scotch Plains, New Jersey, USA
- (4) Andrew W. Stamford, located at Chatham, New Jersey, USA
- (5) Ulrich Iserloh, located at Hoboken, 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:

### C6-AZASPIRO IMINOTHIADIAZINE DIOXIDES AS BACE INHIBITORS, COMPOSITIONS, AND THEIR USE

and/or in the following application(s):

U.S. Provisional Application No. 61/7401	01, filed on <u>December 20, 2012</u>	). ±1
U.S. Application No.	_ having a filing date of	; and
PCT International Application No.	having a filing d	ate 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.

Executed this 22 day of November, 2013	
A of the same of t	
Jared N. Cumming	
ACKNOWLEDGEMENT	
State or New Jersey	
County of (Miss) s.s.:	
On this 27 day of 100 (2018), personally appeare known, and known by me to be the same person(s) described in and who exe acknowledged that he (she) executed the same, of his (her) own free will for the	cuted the foregoing instrument, and
(Seal)	- May Jall
\$# # # # # # # # # # # # # # # # # # #	
Executed this <u>\$\frac{1}{2}\$</u> day of <u>\$\lambda buses besoned in Explainted in Ex</u>	ARY LALLY NEW JERSEY Sa Juno 20, 2017
David Earl Kaelin Jr.	
ACKNOWLEDGEMENT	
State of New Jersey s.s.:	
ounty of	of hardeness was in Marchal March Marchae to the
On this 10 day of 10 kindor, 2013, personally appeare me known, and known by me to be the same person(s) described in and who acknowledged that he (she) executed the same, of his (her) own free will for the same of the control of t	executed the foregoing instrument, and
(Seal) Notary P	
	ARYANN HAAS PUBLIC OF NEW JERSEY D. # 2080373 Ission Expires 9/18/2015

Executed this <u>72</u> day of <u>Nov</u> , 20 <u>/3</u>	
Jack D. Scott	
ACKNOWLEDGEMENT  of Now Jacob Server  County of No Vember , 20  known, and known by me to be the same person(s) of acknowledged that he (she) executed the same, of h	D  personally appeared before me is Jack D. Scott to me described in and who executed the foregoing instrument, and
(Seal)	Notary Public May 1205
	KATHERINE MARY LALLY MOTARY PUBLIC OF NEW JERSEY My Commission Expires June 20, 2017
Executed this <u>lond</u> day of <u>December</u> , 20 <u>13</u> <u>Unland Staufer</u> ,  Andrew W. Stamford	
acknowledgement State of New Tersey	
County of UNION S.S. On this 10th day of December, 20	pl3 personally appeared before me <b>Andrew W. Stamford</b> to me described in and who executed the foregoing instrument, and
(Seal)	Holling Mary Sells Notary Public
	NOTARY PUBLIC OF NEW JELLY

My Commission Expires June 20, 2017

Executed this	day of	, 20
Ulrich Iser	loh	
ACKNOWLEDGE	EMENT	
	of	)
County of		) s.s.: )
and known by me	to be the same person	, 20, personally appeared before me <b>Ulrich Iserloh</b> to me known, n(s) described in and who executed the foregoing instrument, and acknowledged (her) own free will for the purpose set forth.
(Seal)		
		Notary Public

#### WORLDWIDE ASSIGNMENT

#### WHEREAS, I/WE.

- (1) Jared N. Cumming, located at Garwood, New Jersey, USA
- (2) David Earl Kaelin Jr., located at East Brunswick, New Jersey, USA
- (3) Jack D. Scott, located at Scotch Plains, New Jersey, USA
- (4) Andrew W. Stamford, located at Chatham, New Jersey, USA
- (5) Ulrich Iserioh, located at Hoboken, New Jersey, USA

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## C6-AZASPIRO IMINOTHIADIAZINE DIOXIDES AS BACE INHIBITORS, COMPOSITIONS, AND THEIR USE

and/or in the following application(s):

U.S. Provisional Application No. 61/74	10101, filed on <u>December 20, 201</u> 2	<u>2;</u>
U.S. Application No.	having a filing date of	; and
PCT International Application No.	having a filing o	late 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.

Executed this day of	, 20
Jared N. Cumming	
ACKNOWLEDGEMENT	
of County of	) ) s.s.:
County of	)
known, and known by me to be the sa	, 20, personally appeared before me <b>Jared N. Cumming</b> to me ame person(s) described in and who executed the foregoing instrument, and the same, of his (her) own free will for the purpose set forth.
(Seal)	
	Notary Public
Executed this day of	20
Executed this day of	, ZO
David Earl Kaelin Jr.	
ACKNOWLEDGEMENT	
of	) ) s.s.:
County of	) s.s.: )
me known, and known by me to be th	, 20, personally appeared before me is <b>David Earl Kaelin Jr.</b> to e same person(s) described in and who executed the foregoing instrument, and the same, of his (her) own free will for the purpose set forth.
(Seal)	
	Notary Public

Executed this day of	, 20
Jack D. Scott	
ACKNOWLEDGEMENT	
of	
County of	) S.S )
known, and known by me to be the sam	, 20, personally appeared before me is <b>Jack D. Scott</b> to me ne person(s) described in and who executed the foregoing instrument, and ne same, of his (her) own free will for the purpose set forth.
(Seal)	
	Notary Public
Executed this day of	, 20
Andrew W. Stamford	
ACKNOWLEDGEMENT	
of	
County of	) s.s.: )
known, and known by me to be the sam	, 20, personally appeared before me <b>Andrew W. Stamford</b> to me ne person(s) described in and who executed the foregoing instrument, and ne same, of his (her) own free will for the purpose set forth.
(Seal)	
	Notary Public

Executed this 2 day of November, 2012

United Serion

**ACKNOWLEDGEMENT** 

November 21 of 2013 )s.s.

On this 21 day of 1000 , 2013, personally appeared before me Ulrich Iserloh 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)

JUAN C. RENGIFO
ID # 2406323
NOTARY PUBLIC OF NEW JERSEY
My Qommission Expires 8/25/2016