PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT7298666

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JOHN P. CALDWELL	05/26/2016
SOOKHEE N. HA	05/26/2016
SANDRA J. KOSEOGLU	05/26/2016
SANG HO LEE	05/26/2016
CHRISTINA MADSEN-DUGGAN	05/26/2016
MIHIR MANDAL	05/26/2016
JIANPING PAN	05/26/2016
WEIDONG PAN	05/26/2016
TERRY ROEMER	05/12/2016
JING SU	05/12/2016
CHRISTOPHER MICHAEL TAN	05/27/2016
ZHENG TAN	05/26/2016
HAO WANG	05/26/2016
CHRISTINE YANG	05/06/2016
SHU-WEI YANG	05/26/2016
GINNY DAI HO	05/11/2016
MARC A. LABROLI	05/09/2016

RECEIVING PARTY DATA

Name:	MERCK SHARP & DOHME CORPORATION
Street Address:	126 EAST LINCOLN AVENUE
City:	RAHWAY
State/Country:	NEW JERSEY
Postal Code:	07065

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17385194

CORRESPONDENCE DATA

Fax Number:

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

PATENT

REEL: 059803 FRAME: 0325

507251745

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

Phone: 16094543500

Email: tehrhart@meagheremanuel.com

Correspondent Name: MEAGHER EMANUEL LAKS GOLDBERG & LIAO, LLP

Address Line 1: ONE PALMER SQUARE

Address Line 2: **SUITE 325**

Address Line 4: PRINCETON, NEW JERSEY 08536

ATTORNEY DOCKET NUMBER:	PROKA-10303
NAME OF SUBMITTER:	TAMMY EHRHART
SIGNATURE:	/Tammy Ehrhart/
DATE SIGNED:	04/26/2022

Total Attachments: 30

source=PROKA-10303-ParentAssignment#page1.tif source=PROKA-10303-ParentAssignment#page2.tif source=PROKA-10303-ParentAssignment#page3.tif source=PROKA-10303-ParentAssignment#page4.tif source=PROKA-10303-ParentAssignment#page5.tif source=PROKA-10303-ParentAssignment#page6.tif source=PROKA-10303-ParentAssignment#page7.tif source=PROKA-10303-ParentAssignment#page8.tif source=PROKA-10303-ParentAssignment#page9.tif source=PROKA-10303-ParentAssignment#page10.tif source=PROKA-10303-ParentAssignment#page11.tif source=PROKA-10303-ParentAssignment#page12.tif source=PROKA-10303-ParentAssignment#page13.tif source=PROKA-10303-ParentAssignment#page14.tif source=PROKA-10303-ParentAssignment#page15.tif source=PROKA-10303-ParentAssignment#page16.tif source=PROKA-10303-ParentAssignment#page17.tif source=PROKA-10303-ParentAssignment#page18.tif source=PROKA-10303-ParentAssignment#page19.tif source=PROKA-10303-ParentAssignment#page20.tif source=PROKA-10303-ParentAssignment#page21.tif source=PROKA-10303-ParentAssignment#page22.tif source=PROKA-10303-ParentAssignment#page23.tif source=PROKA-10303-ParentAssignment#page24.tif source=PROKA-10303-ParentAssignment#page25.tif source=PROKA-10303-ParentAssignment#page26.tif source=PROKA-10303-ParentAssignment#page27.tif source=PROKA-10303-ParentAssignment#page28.tif source=PROKA-10303-ParentAssignment#page29.tif source=PROKA-10303-ParentAssignment#page30.tif

> **PATENT** REEL: 059803 FRAME: 0326

WORLDWIDE ASSIGNMENT

WHEREAS, I/WE.

- (1) John P. Caldwell, located at Ringwood, NJ
- (2) Ginny Dai Ho, located at Murray Hill, NJ
- (3) Sookhee N. Ha, located at Warren, NJ
- (4) Sandra J. Koseoglu, located at Fanwood, NJ
- (5) Marc A. Labroli, located at Moorestown, NJ
- (6) Sang Ho Lee, located at Berkeley Heights, NJ
- (7) Christina Madsen-Duggan, located at Scotch Plains, NJ
- (8) Mihir Mandal, located at Westfield, NJ
- (9) Jianping Pan, located at Monmouth Junction, NJ (10) Weidong Pan, located at Hillsborough, NJ
- (11) Terry Roemer, located at Cranford, NJ

- (12) Jing Su, located at Scotch Plains, NJ
- (13) Christopher Michael Tan, located at Scotch Plains, NJ
- (14) Zheng Tan, located at Westfield, NJ
- (15) Hao Wang, located at Scotch Plains, NJ
- (16) Christine Yang, located at New Brunswick, NJ
- (17) Shu-Wei Yang, located at Edison, NJ

(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:

BENZIMIDAZOLES AND INDOLES AS TARO INHIBITORS

and/or in the following application(s	olication(s):	a a c	following	the	in	and/or
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U.S. Provisional Application No. 62/268,122 filed on	12/16/2015;	
U.S. Application No.	having a filing date of	; and
PCT International Application No. PCT/US2016/0	066277 having a filing date of 12	2/13/2016 .

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

Executed this Q6th o	day of May	, 20	16		
John P. Calde	M				
John P. Caldwell					
ACKNOWLEDGEMENT					
State of New Jersey)) s.s.:				
County of Union)				
On this Action to me known, and known b acknowledged that he (she	y me to be the sam	e person(s) desc	cribed in and who e	appeared before me executed the foregoin ourpose set forth.	John P. Caldwell ng instrument, and
(Seal)		Da	0005	Sould	~~ <i>~</i>
지 : : : : : : : : : : : : : : : : : : :		10-111	Notary Public	Spolde	Area MING
				PAMELA 3	. SPALDING tate of New Jerse)
				My Commi	ssion Expires V 06, 2019
Executed this day	/ of	, 20	·		
Gìnny Daí Ho					
ACKNOWLEDGEMENT					
State of New Jersey)) s.s.:				
County of Union)				
On thisd me known, and known by r acknowledged that he (she	me to be the same p	person described	I in and who execut		Ginny Dai Ho to trument, and
(Ross)					
(Seal)					
			Notary Public	C	

Page 2 of 10

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

Executed this Oth day of May 2016.
Tulle Ha
Sookhee N. Ha
ACKNOWLEDGEMENT
State of New Jersey)
County of Union) s.s.:
On this Oo day of Oo day o
(Seal) Tamela S. Paldina
Notary Public PAMELA'S SPALDING
Notary Public, State of New Jersey My Commission Expires My Commission Expires January 06, 2019
Executed this 26th day of May 20 16
Sandra J. Koseoglu
ACKNOWLEDGEMENT
State of New Jersey)) s.s.:
County of Union)
On this Or this Or day of Order of 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.
Koseoglu to me known, and known by me to be the same person described in and who executed the foregoing
Koseoglu to me known, and known by me to be the same person described in and who executed the foregoing
Koseoglu 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
Koseoglu 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)

Page 3 of 10
Compiler Congrated Template "Accompany March Share & Cohara Starte Acciones Weekhald" (Acciones Nacch Share & Dishma Com., 11/04/2011

Executed this day of	, 20
Marc A. Labroli	
ACKNOWLEDGEMENT	
Commonwealth of Pennsylvania)	
) s.s.: County of Montgomery)	
On this day of to me known, and known by me to be the same pers acknowledged that he (she) executed the same, of h	, 20, personally appeared before me Marc. A. Labroli con(s) described in and who executed the foregoing instrument, and his (her) own free will for the purpose set forth.
(Seal)	
-	Notary Public
Executed this <u>OC</u> day of <u>Mac</u>	, 20 <u>16</u> .
Sang Ho Lee	
ACKNOWLEDGEMENT	
State of New Jersey)	
) s.s.: County of Union)	
On this Aday of May of me known, and known by me to be the same persor acknowledged that he (she) executed the same, of h	, 20 , personally appeared before me Sang Ho Lee to n described in and who executed the foregoing instrument, and his (her) own free will for the purpose set forth.
(Seal)	Pamela S. Spolding
	Notary Public PAMELA'S, SPALDING
	Notary Public, State of New Jersey My Commission Expires January 06, 2019

Page 4 of 10
Computer Generaled Template "Assignment-Merck Sharp & Dohme, Single Assignee Worldwide" (Assignment) Merck Sharp & Dohme Corp. 11/04/2010

Executed this <u>OG†h</u> day of <u>MOY</u> , 2016.
Christina Madsen-Duggan
ACKNOWLEDGEMENT
State of New Jersey)) s.s.:
County of Union)
On this day of Moule 20 personally appeared before me Christina Madsen-Duggan 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) P
Notary Public American Programme Pro
PAMELA'S SPALDING Notary Public, State of New Jersey
My Cammission Expires January 06, 2019
Executed this 10th day of May 2016.
fullange -
Mihir Mandal
ACKNOWLEDGEMENT
State of New Jersey)
) s.s.: County of Union)
On this 13th day of 104 , 2016 personally appeared before me Mihir Mandal 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 PAMELAS, SPALDING Notary Public, \$tate of New Jerse
My Containsion Expires January 06, 2019
guide international production of the control of th

Page 5 of 10

Executed this Octh day of May, 2016
Jiánping Pan
ACKNOWLEDGEMENT
State of New Jersey)
) s.s.: County of Union)
On this day of, 20 personally appeared before me Jianping Pan 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) Seal ding
Notary Public Notary Public
PAMELA S. SPALDING Notary Public, State of New Jersey My Commission Expires January 06, 2019
Executed this a Gth day of May 20 16.
Weidong Pan
ACKNOWLEDGEMENT
State of New Jersey)) s.s.:
County of Union)
On this \(\sigma \frac{1}{2} \) day of \(\frac{1}{2} \) (20 \(\frac{1}{2} \), personally appeared before me \(Weidong Pan 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.
(Soul) Tamelo S. Sent deac
Notary Public Notary Public
PAMELA SysPALDING Notary Public, State of New Jersey My Commission Expires January 86, 2819
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Page 6 of 10

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

1 19.55	·
Executed this 12th day of May	, 2016
X my Karz	
Terry Roemer	
ACKNOWLEDGEMENT	
State of New Jersey)	
) s.s.:	
County of Union)	n (
 me known, and known by me to be the same per 	, 20 1 (2), personally appeared before me Terry Roemer to sob(s) described in and who executed the foregoing instrument, and of his (her) own free will for the purpose set forth.
네동작은 화왕다	
(Seal)	Pamele S. Spalding
Skidelo Mili	Notary Public
	PAMELAS, SPALDING Notary Public, State of New Jersey
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	January 06, 2019
19th . Man	00)/
Executed this 12th day of May	, 20]
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Jing Su	, 20 <u>} (</u>
Jing Su ACKNOWLEDGEMENT	
Jing Su ACKNOWLEDGEMENT State of New Jersey)	
Jing Su ACKNOWLEDGEMENT	
Jing Su ACKNOWLEDGEMENT State of New Jersey) s.s.: County of Union) On this day of Max	 20 & , personally appeared before me Jing S u to me
Jing Su ACKNOWLEDGEMENT State of New Jersey) s.s.: County of Union) On this day of Macket	, 20 , personally appeared before me Jing Su to me described in and who executed the foregoing instrument, and
Jing Su ACKNOWLEDGEMENT State of New Jersey) s.s.: County of Union) On this day of Macket	 20 & , personally appeared before me Jing Su to me
Jing Su ACKNOWLEDGEMENT State of New Jersey) s.s.: County of Union) On this day of Macket	, 20 , personally appeared before me Jing Su to me described in and who executed the foregoing instrument, and
Jing Su ACKNOWLEDGEMENT State of New Jersey) s.s.: County of Union) On this day of Macket	, 20 , personally appeared before me Jing Su to me described in and who executed the foregoing instrument, and
Jing Su ACKNOWLEDGEMENT State of New Jersey) s.s.: County of Union) On this day of day of known, and known by me to be the same person acknowledged that he (she) executed the same,	, 20 , personally appeared before me Jing Su to me described in and who executed the foregoing instrument, and
Jing Su ACKNOWLEDGEMENT State of New Jersey) s.s.: County of Union) On this day of Macket	, 20 , personally appeared before me Jing Su to me described in and who executed the foregoing instrument, and of his (her) own free will for the purpose set forth.
Jing Su ACKNOWLEDGEMENT State of New Jersey) s.s.: County of Union) On this day of day of known, and known by me to be the same person acknowledged that he (she) executed the same,	, 20, personally appeared before me Jing Su to me described in and who executed the foregoing instrument, and of his (her) own free will for the purpose set forth.
Jing Su ACKNOWLEDGEMENT State of New Jersey) s.s.: County of Union) On this day of day of known, and known by me to be the same person acknowledged that he (she) executed the same,	, 20 , personally appeared before me Jing Su to me described in and who executed the foregoing instrument, and of his (her) own free will for the purpose set forth.

Page 7 of 10
Computer Generated Template "Assignment-Merck Sharp & Dohme, Single Assignee Worldwide" (Assignment) Merck Sharp & Dohme Corp. 11/04/2010

Executed this 27th day of MCLY 2016
Christopher Michael Tan
ACKNOWLEDGEMENT State of New Jersey) s.s.: County of Union) On this Aday of May , 20 to personally appeared before me Christopher
Michael Tan 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 Publice RAMELA S. SPALDING
PAMELA S. SPALDING Notary Public, State of New Jersey My Commission Expires January 95, 2019 Executed this 6 day of May 2016.
Zheng Tan
ACKNOWLEDGEMENT State of New Jersey) s.s.: County of Union)
On this Aday of
(Soal) Partie S. Spalana Notary Public PAMELAT, SPALDING Notary Public, State of New Jersey My Commission Expires
January 06, 2019

Page 8 of 10
Computer Generated Template "Assignment-Merck Sharp & Dohme, Single Assignee Worldwide" (Assignment) Merck Sharp & Dohme Corp. 11/04/2010

Executed this 26^{+h} day of $_{-}$	May	0_16	
Hao Wang			
ACKNOWLEDGEMENT			
State of New Jersey) s.s.: County of Union) aday of	Man	} (eared before me Hao Wang to me
On this	ne person(ŝ) describe	d in and who executed th	ne foregoing instrument, and
(Seal)	Pan	OLG S.S	COLORADA AMELA S. SPALDING
		Notary P	AMELA 5. SPACEING UPLICA STATE OF NEW Jersey Commission Expires anuary 06, 2019
Executed this 6^{th} day of M	24, 20	16.	
Christine Yang	7		
ACKNOWLEDGEMENT	•		
State of New Jersey)) s.s.: County of Union)			
On this (2) day of to me known, and known by me to be t acknowledged that he (she) executed t	he same person desc	ribed in and who execute	eared before me Christine Yang ad the foregoing instrument, and ose set forth.
	\cap	a	. 7 ^
(Seal)	You	<u>Je√g 5.5</u> Notary Public	PAMELA S. SHALDING
		riotary rubiic	Notary Public, State of New Jersey My Commission Expires January 06, 2019
			protection and antitude antitude and antitude antitude and antitude and antitude antitude and antitude antitude antitude and antitude

Page 9 of 10
Computer Generated Template "Assignment-Merck Sharp & Dohme. Single Assignee Worldwide" (Assignment) Merck Sharp & Dohme Corp. 11/04/2010

Executed this <u>Acth</u> day	rot May		
Styr-Wei Yang			
ACKNOWLEDGEMENT			
State of New Jersey)		
County of Union On this S(+h) d me known, and known by me acknowledged that he (she) e	to be the same person(s)) described in and who e	ly appeared before me Shu-Wei Yang to xecuted the foregoing instrument, and s purpose set forth.
(Seal)	J.) OME Q CONTROLLY Put Notary Put	PAMELA S. SPALDING PAMELA S. SPALDING Notary Public, State of New Jersey My Commission Expires My Canuary 06, 2019

WORLDWIDE ASSIGNMENT

WHEREAS, I/WE,

- (1) John P. Caldwell, located at Ringwood, NJ
- (2) Ginny Dai Ho, located at Murray Hill, NJ
- (3) Sookhee N. Ha, located at Warren, NJ
- (4) Sandra J. Koseoglu, located at Fanwood, NJ
- (5) Marc A. Labroli, located at Moorestown, NJ
- (6) Sang Ho Lee, located at Berkeley Heights, NJ
- (7) Christina Madsen-Duggan, located at Scotch Plains, NJ
- (8) Mihir Mandal, located at Westfield, NJ
- (9) Jianping Pan, located at Monmouth Junction, NJ
- (10) Weidong Pan, located at Hillsborough, NJ
- (11) Terry Roemer, located at Cranford, NJ

- (12) Jing Su, located at Scotch Plains, NJ
- (13) Christopher Michael Tan, located at Scotch Plains, NJ
- (14) Zheng Tan, located at Westfield, NJ
- (15) Hao Wang, located at Scotch Plains, NJ
- (16) Christine Yang, located at New Brunswick, NJ
- (17) Shu-Wei Yang, located at Edison, NJ

(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:

BENZIMIDAZOLES AND INDOLES AS TARO INHIBITORS

and/or in the following application(s):

U.S. Provisional Application No. <u>62/268,122</u> filed on	<u>12/16/2015;</u>	
U.S. Application No.	having a filing date of; and	
PCT International Application No. <u>PCT/US2016/0</u> 6	66277 having a filing date of 12/13/2016	

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

Executed this	day of	, 20
John P. Cald	well	
ACKNOWLE	DGEMENT	
State of New	Jersey)) s.s.:	
County of Uni	ion)	
On the to me known, acknowledged	his day of and known by me to be the same per d that he (she) executed the same, of	, 20, personally appeared before me John P. Caldwel son(s) described in and who executed the foregoing instrument, and his (her) own free will for the purpose set forth.
(Seal)		
		Notary Public
Executed this	s // day of May	20
Ginny Dai Ma		/
ACKNOWLE	DGEMENT	
State of New		
County of Un) s.s.: ion)	
me known, ar	his day of nd known by me to be the same perso d that he (she) executed the same, of	, 20 /// personally appeared before me Ginny Dai Ho to n described in and who executed the foregoing instrument, and his (her) own free will for the purpose set forth.
(Seal)	SPENCER CHAN NOTARY PUBLIC OF NEW JERSEY ID # 50002124 My Commission Equipm 8/21/2019	Notary Public
		t

Page 2 of 10
Computer Generated Template "Assignment-Merck Sharp & Dohme. Single Assignee Worldwide" (Assignment) Merck Sharp & Dohme Corp. 11/04/2010

Executed this day of	, 20
Sookhee N. Ha	
ACKNOWLEDGEMENT	
State of New Jersey)) s.s County of Union)	s.:
On this day of	, 20, personally appeared before me Sookhee N. Ha be the same person(s) described in and who executed the foregoing instrument, and ed the same, of his (her) own free will for the purpose set forth.
(Seal)	Notary Public
Executed this day of	, 20
Sandra J. Koseoglu	
ACKNOWLEDGEMENT	
State of New Jersey) s.:	s.:
County of Union) On this day of Koseoglu to me known, and know instrument, and acknowledged that	, 20, personally appeared before me Sandra J . In by me to be the same person described in and who executed the foregoing the (she) executed the same, of his (her) own free will for the purpose set forth.
(Seal)	Notary Public

Page 3 of 10
Computer Generated Template "Assignment-Merck Sharp & Dohme. Single Assignee Worldwide" (Assignment) Merck Sharp & Dohme Corp. 11/04/2010

Executed this day of	, 20
Marc A. Labroli	
ACKNOWLEDGEMENT	
Commonwealth of Pennsylvania)) s.s.:)
•	
to me known, and known by me to be the	, 20, personally appeared before me Marc. A. Labroli e same person(s) described in and who executed the foregoing instrument, and e same, of his (her) own free will for the purpose set forth.
(Seal)	
,	Notary Public
Executed this day of	, 20
Sang Ho Lee	
ACKNOWLEDGEMENT	
State of New Jersey) s.s.:	
County of Union)	The state of the s
On this day of me known, and known by me to be the acknowledged that he (she) executed the	, 20, personally appeared before me Sang Ho Lee to same person described in and who executed the foregoing instrument, and ne same, of his (her) own free will for the purpose set forth.
(Sool)	
(Seal)	Notary Public
	Tiotaly F ability

Page 4 of 10
Computer Generated Template "Assignment-Merck Sharp & Dohme. Single Assignee Worldwide" (Assignment) Merck Sharp & Dohme Corp. 11/04/2010

Executed this	_ day of	, 20
Christina Madsen-Dugg	gan	_
ACKNOWLEDGEMENT		
State of New Jersey)) s.s.:	
County of Union) s.s.:)	
Madsen-Duggan to me	known, and known b	, 20, personally appeared before me Christina by me to be the same person(s) described in and who executed the t he (she) executed the same, of his (her) own free will for the purpose se
(Seal)		
		Notary Public
Executed this	day of	, 20
Mihir Mandal		
ACKNOWLEDGEMENT		
State of New Jersey)) s.s.:	
County of Union)	
On this me known, and known backnowledged that he (s	ov me to be the same	, 20, personally appeared before me Mihir Mandal experson described in and who executed the foregoing instrument, and me, of his (her) own free will for the purpose set forth.
(Seal)		
		Notary Public

Page 5 of 10 Computer Generated Template "Assignment-Merck Sharp & Dohme. Single Assignee Worldwide" (Assignment) Merck Sharp & Dohme Corp. 11/04/2010

Executed this	day of	, 20
Jianping Pan		
ACKNOWLEDGEMEN	NT	
State of New Jersey County of Union)) s.s.:	
On this	day of	, 20, personally appeared before me Jianping Pan to the person(s) described in and who executed the foregoing instrument, and the ame, of his (her) own free will for the purpose set forth.
(O. 1)		
(Seal)		Notary Public
Executed this	_ day of	, 20
Weidong Pan		
ACKNOWLEDGEME	NT	
State of New Jersey)) s.s.:	
County of Union)	
On this me known, and knowr acknowledged that he	by me to be the sam	, 20, personally appeared before me Weidong Pan to ne person described in and who executed the foregoing instrument, and name, of his (her) own free will for the purpose set forth.
(Seal)		
		Notary Public

Page 6 of 10 Computer Generated Template "Assignment-Merck Sharp & Dohme. Single Assignee Worldwide" (Assignment) Merck Sharp & Dohme Corp. 11/04/2010

Executed this	day of	, 20
Terry Roemer		······
ACKNOWLEDGEMEN	NT	
State of New Jersey County of Union)) s.s.:	
County of Union	ý	
me known and known	by me to be the san	, 20, personally appeared before me Terry Roemer to ne person(s) described in and who executed the foregoing instrument, and same, of his (her) own free will for the purpose set forth.
(Seal)		
(Gaai,		Notary Public
Executed this	_day of	, 20
Jing Su	44	
ACKNOWLEDGEME	NT	
State of New Jersey)) s.s.:	
County of Union)	
On this known, and known by acknowledged that he	me to be the same	, 20, personally appeared before me Jing Su to me person described in and who executed the foregoing instrument, and same, of his (her) own free will for the purpose set forth.
(Seal)		
		Notary Public

Page 7 of 10
Computer Generated Template "Assignment-Merck Sharp & Dohme. Single Assignee Worldwide" (Assignment) Merck Sharp & Dohme Corp. 11/04/2010

Executed this	day of	, 20
Christopher Michael	l Tan	
ACKNOWLEDGEME	NT	
State of New Jersey),	
County of Union)) s.s.:)	
On this	day of nown, and known by m	, 20, personally appeared before me Christopher e to be the same person(s) described in and who executed the foregoing executed the same, of his (her) own free will for the purpose set forth.
(Sool)		
(Seal)		Notary Public
Executed this	day of	, 20
Zheng Tan		
ACKNOWLEDGEME	ENT	
State of New Jersey		
County of Union) s.s.:)	
On this known, and known b acknowledged that h	v me to be the same pe	, 20, personally appeared before me Zheng Tan to me erson described in and who executed the foregoing instrument, and ame, of his (her) own free will for the purpose set forth.
(Seal)		Notary Public

Page 8 of 10
Computer Generated Template "Assignment-Merck Sharp & Dohme. Single Assignee Worldwide" (Assignment) Merck Sharp & Dohme Corp. 11/04/2010

Executed this	day of	, 20
Hao Wang		
ACKNOWLEDGEMEN	NT	
State of New Jersey)) s.s.:)	
County of Union		20 warranally appeared before me Han Wang to me
known, and known by acknowledged that he	me to be the same person((she) executed the same, (, 20, personally appeared before me Hao Wang to me s) described in and who executed the foregoing instrument, and of his (her) own free will for the purpose set forth.
(Seal)		
(Goal)		Notary Public
		·
Executed this	_ day of	, 20
Christine Yang	- MARIOTE -	udurumi.
ACKNOWLEDGEME	NT	
State of New Jersey)) s.s.:	
County of Union)	
On thisto me known, and kno acknowledged that he	day of own by me to be the same p (she) executed the same,	, 20, personally appeared before me Christine Yang person described in and who executed the foregoing instrument, and of his (her) own free will for the purpose set forth.
(Seal)		
		Notary Public

Page 9 of 10
Computer Generated Template "Assignment-Merck Sharp & Dohme. Single Assignee Worldwide" (Assignment) Merck Sharp & Dohme Corp. 11/04/2010

WORLDWIDE ASSIGNMENT

WHEREAS, I/WE,

- (1) John P. Caldwell, located at Ringwood, NJ
- (2) Ginny Dai Ho, located at Murray Hill, NJ
- (3) Sookhee N. Ha, located at Warren, NJ
- (4) Sandra J. Koseoglu, located at Fanwood, NJ
- (5) Marc A. Labroli, located at Moorestown, NJ
- (6) Sang Ho Lee, located at Berkeley Heights, NJ
- (7) Christina Madsen-Duggan, located at Scotch Plains, NJ
- (8) Mihir Mandal, located at Westfield, NJ
- (9) Jianping Pan, located at Monmouth Junction, NJ
- (10) Weidong Pan, located at Hillsborough, NJ
- (11) Terry Roemer, located at Cranford, NJ

- (12) Jing Su, located at Scotch Plains, NJ
- (13) Christopher Michael Tan, located at Scotch Plains, NJ
- (14) Zheng Tan, located at Westfield, NJ
- (15) Hao Wang, located at Scotch Plains, NJ
- (16) Christine Yang, located at New Brunswick, NJ
- (17) Shu-Wei Yang, located at Edison, NJ

(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:

BENZIMIDAZOLES AND INDOLES AS TARO INHIBITORS

and/or in the following application(s):

U.S. Provisional Application No.	62/268,122	filed on 12/16/2015;	
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U.S. Application No. having a filing date of ____

PCT International Application No. PCT/US2016/066277 having a filing date of ________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

Executed this day of	, 20
John P. Caldwell	
ACKNOWLEDGEMENT	
State of New Jersey) s.s.: County of Union)	
	, 20, personally appeared before me John P . Caldwel son(s) described in and who executed the foregoing instrument, and his (her) own free will for the purpose set forth.
(Seal)	
	Notary Public
Executed this day of	, 20
Ginny Dai Ho	
ACKNOWLEDGEMENT	
State of New Jersey)) s.s.:	
County of Union)	
On this day of me known, and known by me to be the same perso acknowledged that he (she) executed the same, of	, 20, personally appeared before me Ginny Dai Ho to n described in and who executed the foregoing instrument, and his (her) own free will for the purpose set forth.
(Seal)	Notary Public

Page 2 of 10
Computer Generated Template "Assignment-Merck Sharp & Dohme. Single Assignee Worldwide" (Assignment) Merck Sharp & Dohme Corp. 11/04/2010

Executed this day of	, 20_	······································	
Sookhee N. Ha			
ACKNOWLEDGEMENT			
State of New Jersey)	s.s.:		
On this day to me known, and known by me acknowledged that he (she) exec	of, 20 to be the same person(s) desc cuted the same, of his (her) ow	, personally appeared before me Sool ribed in and who executed the foregoing inst n free will for the purpose set forth.	chee N. Ha trument, and
(Seal)			
	pagasaulin-andro der e galeria en	Notary Public	
Executed this day of	20		
Sandra J. Koseoglu			
ACKNOWLEDGEMENT			
	s.s.:		
County of Union)	•		
Koseoglu to me known, and known	own by me to be the same per	personally appeared before me Sand son described in and who executed the foreg e, of his (her) own free will for the purpose se	joing
(Seal)			
	Martin Gradultur von Principal (Alberton Control Contr	Notary Public	

Page 3 of 10
Computer Generated Template "Assignment-Merck Sharp & Dohme. Single Assignee Worldwide" (Assignment) Merck Sharp & Dohme Corp. 11/04/2010

Executed this
Marc A. Labroli
Commonwealth of Pennsylvania) s.s.: County of Montgomery) s.s.: On this day of 20, personally appeared before me Marc. A. Labroli 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.
COMM(Baselal TH OF PENNSYLVANTA Notarial Scal Dorothy M. Miller, Notary Public Upper Gwynedd Twp., Montgomery County My Commission Expres May 14, 2017 MSER, PENNSYLVANIA ASSOCIATION OF NOTARIES
Executed this day of
Sang Ho Lee
State of New Jersey)
(Seal) Notary Public

Page 4 of 10
Computer Generated Template "Assignment-Marck Sharp & Dohme, Single Assignee Worldwide" (Assignment) Merck Sharp & Dohme Corp. 11/04/2010

Executed this day of	, 20
Christina Madsen-Duggan	
ACKNOWLEDGEMENT	
State of New Jersey)) s.s.:	
County of Union)	
Madsen-Duggan to me known, and known by me	, 20, personally appeared before me Christina to be the same person(s) described in and who executed the she) executed the same, of his (her) own free will for the purpose set
(Seal)	
	Notary Public
Executed this day of	, 20
Mihir Mandal	_
ACKNOWLEDGEMENT	
State of New Jersey)	
County of Union) s.s.:	
On this day of me known, and known by me to be the same pers acknowledged that he (she) executed the same, or	, 20, personally appeared before me Mihir Mandal to son described in and who executed the foregoing instrument, and of his (her) own free will for the purpose set forth.
(Seal)	Notary Public

Page 5 of 10
Computer Generated Template "Assignment-Merck Sharp & Dohme. Single Assignee Worldwide" (Assignment) Merck Sharp & Dohme Corp. 11/04/2010

Executed this day of	, 20
Jianping Pan	
Jianping Fan	
ACKNOWLEDGEMENT	
State of New Jersey)) s.s.:	
County of Union)	
On this day of me known, and known by me to be the sa acknowledged that he (she) executed the	, 20, personally appeared before me Jianping Pan to ame person(s) described in and who executed the foregoing instrument, and a same, of his (her) own free will for the purpose set forth.
(Seal)	
	Notary Public
Executed this day of	, 20
Weidong Pan	
ACKNOWLEDGEMENT	
State of New Jersey)) s.s.:	
County of Union)	
On thisday of me known, and known by me to be the s acknowledged that he (she) executed the	, 20, personally appeared before me Weidong Pan to same person described in and who executed the foregoing instrument, and e same, of his (her) own free will for the purpose set forth.
(Seal)	
	Notary Public

Page 6 of 10 Computer Generated Template "Assignment-Merck Sharp & Dohme. Single Assignee Worldwide" (Assignment) Merck Sharp & Dohme Corp. 11/04/2010

Executed this	day of	, 20
Terry Roemer		
ACKNOWLEDGEMENT	r	
State of New Jersey)) s.s.:)	
County of Union		
On this me known, and known k acknowledged that he (s	day of by me to be the same she) executed the sa	, 20, personally appeared before me Terry Roemer to e person(s) described in and who executed the foregoing instrument, and me, of his (her) own free will for the purpose set forth.
(Seal)		
		Notary Public
Executed this	day of	, 20
Jing Su	and the second s	
ACKNOWLEDGEMEN	г	
State of New Jersey)	
County of Union) s.s.:)	
known, and known by m	ne to be the same pe	, 20, personally appeared before me Jing Su to me rson described in and who executed the foregoing instrument, and me, of his (her) own free will for the purpose set forth.
(Seal)		
		Notary Public

Page 7 of 10
Computer Generated Template "Assignment-Merck Sharp & Dohme. Single Assignee Worldwide" (Assignment) Merck Sharp & Dohme Corp. 11/04/2010

Executed this	day of	, 20
Christopher Michael Tai	n	-
ACKNOWLEDGEMENT		
State of New Jersey)) s.s.:	
On this Michael Tan to me know instrument, and acknowle	day of n, and known by me t dged that he (she) ex	, 20, personally appeared before me Christopher o be the same person(s) described in and who executed the foregoing recuted the same, of his (her) own free will for the purpose set forth.
(Seal)		
		Notary Public
Executed this da	ay of	, 20
Zheng Tan		MARIA MA
ACKNOWLEDGEMENT		
State of New Jersey)) s.s.:	
County of Union)	
On thisknown, and known by me acknowledged that he (sh	day of to be the same persone) executed the same	, 20, personally appeared before me Zheng Tan to me on described in and who executed the foregoing instrument, and e, of his (her) own free will for the purpose set forth.
(Seal)		
		Notary Public

Page 8 of 10
Computer Generated Template "Assignment-Merck Sharp & Dohme. Single Assignee Worldwide" (Assignment) Merck Sharp & Dohme Corp. 11/04/2010

Executed this	day of	, 20
Hao Wang		_
ACKNOWLEDGEMEN	NT	
State of New Jersey County of Union)) s.s.:)	
On this known, and known by	me to be the same per	, 20, personally appeared before me Hao Wang to me son(s) described in and who executed the foregoing instrument, and ne, of his (her) own free will for the purpose set forth.
(Seal)		
		Notary Public
Executed this	_day of	, 20
Christine Yang		
ACKNOWLEDGEME	NT	
State of New Jersey)) s.s.:	
County of Union)	
On this to me known, and kno acknowledged that he	day of wn by me to be the sa (she) executed the sa	, 20, personally appeared before me Christine Yang me person described in and who executed the foregoing instrument, and me, of his (her) own free will for the purpose set forth.
(Seal)		
		Notary Public

Page 9 of 10
Computer Generated Template "Assignment-Merck Sharp & Dohme. Single Assignee Worldwide" (Assignment) Merck Sharp & Dohme Corp. 11/04/2010

Executed this	_ day of	, 20		
Shu-Wei Yang				
ACKNOWLEDGEMENT	•			
State of New Jersey)) s.s.:			
County of Union) s.s.:)			
		, 20, pers erson(s) described in and w , of his (her) own free will fo	conally appeared before me SI tho executed the foregoing ins or the purpose set forth.	n u-Wei Yang to trument, and
(Seal)				
		Notan	y Public	

Page 10 of 10
Computer Generated Template "Assignment-Merck Sharp & Dohme. Single Assignee Worldwide" (Assignment) Merck Sharp & Dohme Corp. 11/04/2010

PATENT REEL: 059803 FRAME: 0356