503699865 02/19/2016

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3746503

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
DUANE DEMONG	07/28/2014
THOMAS J. GRESHOCK	08/12/2014
RONALD K. CHANG	08/12/2014
XING DAI	07/28/2014
HONG LIU	07/28/2014
JOHN A. MCCAULEY	08/12/2014
WEILI	07/28/2014
KALLOL BASU	07/29/2014
JACK D. SCOTT	07/28/2014
MICHAEL MILLER	07/28/2014

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:	14912761

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

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

Address Line 2: RY86-2011A

Address Line 4: RAHWAY, NEW JERSEY 07065

ATTORNEY DOCKET NUMBER: 23574-US-PCT

REEL: 037773 FRAME: 0240 503699865

PAIENI

NAME OF SUBMITTER:	BARBARA A. MULLER
SIGNATURE:	/Barbara A. Muller/
DATE SIGNED:	02/19/2016
Total Attachments: 12	
source=23574-ASSIGN#page1.tif	
source=23574-ASSIGN#page2.tif	
source=23574-ASSIGN#page3.tif	
source=23574-ASSIGN#page4.tif	
source=23574-ASSIGN#page5.tif	
source=23574-ASSIGN#page6.tif	
source=23574-ASSIGN#page7.tif	
source=23574-ASSIGN#page8.tif	
source=23574-ASSIGN#page9.tif	
source=23574-ASSIGN#page10.tif	
source=23574-ASSIGN#page11.tif	
source=23574-ASSIGN#page12.tif	

PATENT REEL: 037773 FRAME: 0241

WORLDWIDE ASSIGNMENT

WHEREAS, I/WE,

- (1) Duane DeMong, located at Somerset, New Jersey,
- (2) Thomas J. Greshock, located at Collegeville, Pennsylvania,
- (3) Ronald K. Chang, located at Oreland, Pennsylvania,
- (4) Xing Dai, located at Cranford, New Jersey,
- (5) Hong Liu, located at Hillsborough, New Jersey,
- (6) John A. McCauley, located at Maple Glen, Pennsylvania,
- (7) Wei Li, located at Belle Mead, New Jersey,
- (8) Kallol Basu, located at Piscataway, New Jersey,
- (9) Jack D. Scott, located at Scotch Plains, New Jersey,
- (10) Michael Miller, located at Scotch Plains, New Jersey

(hereinafter ASSIGNOR(S)), together with

, located at

, located at

, and

, located at , 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:

COMPOUNDS INHIBITING LEUCINE-RICH REPEAT KINASE ENZYME ACTIVITY

and/or in the following application(s):

U.S. Provisional Application N	lo. 61/868,622	filed on August 22,	2013;
U.S. Application No.	having a filing	date of	and
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. Multiple Assignees Worldwide" (Assignment) Merck Sharp & Dohme Corp. 11/04/2010 PATENT

Executed this $\frac{28}{}$ day of $\frac{30}{}$, 20 <i>/4</i> .
	1
Duane DeMong	
ACKNOWLEDGEMENT	
_ Stark of New 1884)
State of New Tesey County of Union) s.s.:)
284 July	20 11 normanally appeared before the Duppe Deblook to the known
and known by me to be the same person describ	, 20 $\frac{i^{\frac{1}{2}}}{i}$, personally appeared before me Duane DeMong to me known, sed in and who executed the foregoing instrument, and acknowledged
that he (she) executed the same, of his (her) own	n free will for the purpose set forth.
(Seal)	Notary Public March 5,2018
	Notary Public 3018
	Notary expires march of
Executed this day of	20
executed this day of	, 20
Thomas J. Greshock	
ACKNOWLEDGEMENT	
of)
of) s.s.;)
	/
known, and known by me to be the same person	, 20, personally appeared before me Thomas J. Greshock to me described in and who executed the foregoing instrument, and of his (her) own free will for the purpose set forth.
(Seal)	
	Notary Public

Executed this day of	, 20
Ronald K. Chang	
ACKNOWLEDGEMENT	
County of)) s.s.:
County of	
	, 20, personally appeared before me Ronald K. Chang 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
Executed this May of July	3,20 <u>14</u>
Xing Dar	
ACKNOWLEDGEMENT	
Steelt of New Yerser County of Unicon	<u>1</u>)
County of UNICOW) s.s.:)
On this A May of July known by me to be the same person described he (she) executed the same, of his (her) own for	20 [4], personally appeared before me Xing Dai to me known, and I in and who executed the foregoing instrument, and acknowledged that ree will for the purpose set forth.
(Seal)	ellan 4 Hest
	Notary Public March 5,2018

Executed this $\frac{28}{}$ day of $\frac{1}{}$ Jy,	20 <u>1</u> /2
Ala Co	
Hong Liu	
ACKNOWLEDGEMENT	
State or New Yerses	
Starte of Wearterses	\$.\$.;
On this day of day of known by me to be the same person described in the (she) executed the same, of his (her) own free	, 20 , personally appeared before me Hong Liu to me known, and and who executed the foregoing instrument, and acknowledged that will for the purpose set forth.
(Seal)	Notary Public March 5,2018
	Notary Public March 5,2018
Executed this day of,	20
John A. McCauley	
ACKNOWLEDGEMENT	
of)	
of) County of)	S.S.:
On this day of known, and known by me to be the same person acknowledged that he (she) executed the same, o	, 20, personally appeared before me John A. McCauley to me described in and who executed the foregoing instrument, and of his (her) own free will for the purpose set forth.
(Seal)	
	Notary Public

Executed this 28 day of <u>July</u> ,	20/4
Cerz	,
Wei Li	·····
ACKNOWLEDGEMENT	
Starta of Nonzuza	
County of Union	\$.\$.`.
On this day of the same person described in the (she) executed the same, of his (her) own free	, 20 \(\frac{4}{4} \) personally appeared before me Wei Li to me known, and and who executed the foregoing instrument, and acknowledged that will for the purpose set forth.
(Seal)	Notary Public Morch 5,0018
	Notary Public Morch 5,0018
suppose. \$	
Executed this 2 day of / UM,	20 <u>14</u>
Executed this 29 day of July ,	
Kallol Basu	
•	
ACKNOWLEDGEMENT	
State of Wenterry	
County of Use and	S.S.:
On this Aftiguity day of Twly known by me to be the same person described in the same, of his (her) own free	s.s.: , 20 // , personally appeared before me Kallol Basu to me known, and and who executed the foregoing instrument, and acknowledged that will for the purpose set forth.
(Seal)	Wolfany Express march 5,2018
	Notary Public
	word expres march

Executed this $\underline{\mathscr{K}}$ day of $\underline{\mathcal{J}\mathcal{U}_{\mathcal{Y}}}$, 20 <u>/ Y</u>
la Rlatte	
Jack D Scot	
ACKNOWLEDGEMENT	
Decke of New TE	(red)
Stephe of New TE) s.s.;)
On this all day of July	, 20 ^{R-1} , personally appeared before me Jack D. Scott 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, or his (r	ner) own free will for the purpose set forth.
(Seal)	Notary Public Narch 5, 2018
	Notary Public April 6 2018
	Notary appres Waren
Executed this <u>28</u> day of <u>July</u>	20/4
-11111/11/11/11/11/11/11/11/11/11/11/11/	
Michael Miller	
ACKNOWLEDGEMENT	
Stenty . New Jers	sed,
Steets of New Fere) s.s.:
County of Univola	j
On this 284 day of July	, 20 👫 , personally appeared before me Michael Miller 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 (f	ner) own free will for the purpose set forth.
(Seal)	Notary Public march 5,2018
	Notary Public S S S N G
	Notary expres march 10018

WORLDWIDE ASSIGNMENT

WHEREAS, I/WE,

- (1) Duane DeMong, located at Somerset, New Jersey,
- (2) Thomas J. Greshock, located at Collegeville, Pennsylvania,
- (3) Ronald K. Chang, located at Oreland, Pennsylvania,
- (4) Xing Dai, located at Cranford, New Jersey,
- (5) Hong Liu, located at Hillsborough, New Jersey,
- (6) John A. McCauley, located at Maple Glen, Pennsylvania,
- (7) Wei Li, located at Belle Mead, New Jersey,
- (8) Kallol Basu, located at Piscataway, New Jersey,
- (9) Jack D. Scott, located at Scotch Plains, New Jersey,
- (10) Michael Miller, located at Scotch Plains, New Jersey

(hereinafter ASSIGNOR(S)), together with , located at

, located at , and

, located at , 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:

COMPOUNDS INHIBITING LEUCINE-RICH REPEAT KINASE ENZYME ACTIVITY

and/or in the following application(s):

U.S.	Provisional Application N	lo. 61/868,622	filed on August 22	2, 2013;
U.S.	Application No.	having a filing	date of	_ and
PCT	International Application	No	having a filing date	e 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. Multiple Assignees Worldwide" (Assignment) Merck Sharp & Dohme Corp. #104/2011 ENT

Executed this day of	, 20
Duane DeMong	·
ACKNOWLEDGEMENT	
County of)) s.s.:)
On this day of	, 20, personally appeared before me Duane DeMong to me known, ed in and who executed the foregoing instrument, and acknowledged a free will for the purpose set forth.
(Seal)	
	Notary Public
Executed this / Aday of / Light / Ligh	, 20/4/.
ACKNOWLEDGEMENT	^
known, and known by me to be the same person) s.s.:) , 20/4, personally appeared before me Thomas J. Greshock to me described in and who executed the foregoing instrument, and of his (her) own free will for the purpose set forth.
(Seal)	COMMONOVEAUTHIOF PENNSYLVANIA Notarisi Sesi Marjorte M. Bennett, Notary Public Upper Gwynedd Twp., Montgomery County My Commission Expires Jen. 24, 2015 MEMBER, PENNSYLVANIA ASSOCIATION OF NOTARIES

	Executed this 2 day of August	
ati T	Ronald K. Chang	
¹ 00×1	known, and known by me to be the same pe) s.s.:) yes, 20/1/personally appeared before me Ronald K. Chang to me arson described in and who executed the foregoing instrument, and arme, of his (her) own free will for the purpose set forth.
	(Seal)	Notary Public COMMONWEALTH OF PENNSYLVANIA Notarial Seal Marjorie M. Bennstt, Notary Public Marjorie M. Bennstt, Notary Public Upper Gwynedd Twp., Mantgomery County Upper Gwynedd Twp., Mantgomery County My Commission Sxpires Jan. 24, 2015 My Commission Sxpires Jan. 24, 2015 MY Commission Sxpires Jan. 27, 2015 MY Commission Sxpires Jan. 27, 2015
	Executed this day of	20
	Xing Dai	
	ACKNOWLEDGEMENT	
	of), s.s.:)
	On this day of known by me to be the same person describ he (she) executed the same, of his (her) own	, 20, personally appeared before me Xing Dai to me known, and led in and who executed the foregoing instrument, and acknowledged that in free will for the purpose set forth.
	(Seal)	
		Notary Public

Executed this day of	, 20
Hong Liu	·
ACKNOWLEDGEMENT	
of) s.s.;
On this day of	, 20, personally appeared before me Hong Liu to me known, and scribed in and who executed the foregoing instrument, and acknowledged that) own free will for the purpose set forth.
(Seal)	
	Notary Public
Executed this 12 day of Xufu	or, 20/4.
John A. McCauley	
ACKNOWLEDGEMENT	
. 7 7	Ylvania
ONWALLO OF YEARS COUNTY OF MAJERING) s.s.:)
threating card ancestic by more by the same	2.4.4., 20.4./personally appeared before me John A. McCauley to me the person described in and who executed the foregoing instrument, and the same, of his (her) own free will for the purpose set forth.
(Seal)	Marjai Massamay
	Marjoria M. Bennett, Notary Public Marjoria M. Bennett, Notary Public
	Marjorle M. Bennett, Notary Public Upper Gwynedd Twp., Mendemery County My Commission Espires Jan. 24, 2015 MY Commission Espires Jan. 24, 2015 MEMBELL PENNSY CARIA ABSOLUTATION OF NOTABLES

REEL: 037773 FRAME: 0251

Executed this day of	, 20
Wei Li	
ACKNOWLEDGEMENT	
of), e.e.
of)
On this day of known by me to be the same person de he (she) executed the same, of his (her)	, 20, personally appeared before me Wei Li to me known, and scribed in and who executed the foregoing instrument, and acknowledged that) own free will for the purpose set forth.
(Seal)	
	Notary Public
Executed this day of	, 20
Kallol Basu	
ACKNOWLEDGEMENT	
of)
of) s.s.:)
On this day of known by me to be the same person de he (she) executed the same, of his (her)	, 20, personally appeared before me Kallol Basu to me known, and scribed in and who executed the foregoing instrument, and acknowledged that) own free will for the purpose set forth.
(Seal)	
	Notary Public

REEL: 037773 FRAME: 0252

Executed this day of	, 20
Jack D. Scot	
ACKNOWLEDGEMENT	
of	
of) S.S.:)
On this day of and known by me to be the same person of that he (she) executed the same, of his (he	, 20, personally appeared before me Jack D. Scott to me known, described in and who executed the foregoing instrument, and acknowledged er) own free will for the purpose set forth.
(Seal)	
	Notary Public
Executed this day of	, 20
Michael Miller	
ACKNOWLEDGEMENT	
of)) s.s.:
County of)
On this day of and known by me to be the same person of that he (she) executed the same, of his (he	, 20, personally appeared before me Michael Miller to me known described in and who executed the foregoing instrument, and acknowledgeder) own free will for the purpose set forth.
(Seal)	
	Notary Public

REEL: 037773 FRAME: 0253