PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
HAIFENG TANG	10/11/2012
BARBARA PIO	10/11/2012
ALEXANDER PASTERNAK	10/11/2012
REYNALDA DEJESUS	10/11/2012
NARDOS TEUMELSAN	10/15/2012

RECEIVING PARTY DATA

Name:	MERCK SHARP & DOHME CORP.
Street Address:	126 EAST LINCOLN AVENUE
Internal Address:	RY86-2011A
City:	RAHWAY
State/Country:	NEW JERSEY
Postal Code:	07065

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14353410

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 via

US Mail.

Email: us_efs@merck.com

Correspondent Name: NICOLE M. BEELER

Address Line 1: 126 EAST LINCOLN AVENUE

Address Line 2: RY86-2011A

Address Line 4: RAHWAY, NEW JERSEY 07065

ATTORNEY DOCKET NUMBER:	23143-US-PCT
NAME OF SUBMITTER:	MICHELLE A. SISKO
SIGNATURE:	/Michelle A. Sisko/
DATE SIGNED:	05/01/2014

Total Attachments: 8

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REEL: 032803 FRAME: 0137

PATENT

PATENT REEL: 032803 FRAME: 0138

WORLDWIDE ASSIGNMENT

WHEREAS, I/WE,

- (1) HAIFENG TANG, located at Metuchen, NJ 08840,
- (2) BARBARA PIO, located at West Orange 07052,
- (3) NARDOS TEUMELSAN, located at Linden, NJ 07036,
- (4) ALEXANDER PASTERNAK, located at Princeton, NJ 08540,
- (5) REYNALDA DeJESUS, located at East Brunswick, NJ 08816,

(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:

INHIBITORS OF THE RENAL OUTER MEDULLARY POTASSIUM CHANNEL

and/or in the following application(s):

U.S. Provisional Application No. 61/55	0,950, filed on 10/25/2011;	
U.S. Application No.	having a filing date of	; and
PCT International Application No	having a filing da	te 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 October	, 2012.	
HAIFENG TANG		
ACKNOWLEDGEMENT		
STATE OF NEW JERSEY) s.s.: COUNTY OF UNION)		
On this day of, known, and known by me to be the same person(s) acknowledged that he (she) executed the same, of	2012, personally appeared before me H) described in and who executed the for his (her) own free will for the purpose so	egoing instrument, and
(Seal)	LUXDB-	
	Notary Public	
Executed this day of	, 2012.	ANITA G. BROWN NOTARY PUBLIC OF NEW JERSEY My Commission Expires April 6, 201
ACKNOWLEDGEMENT		
STATE OF NEW JERSEY) s.s.:		
On this day of, and known by me to be the same person described that he (she) executed the same, of his (her) own fi	2012, personally appeared before me B I in and who executed the foregoing inst ree will for the purpose set forth.	
(Seal)	(h) DBe_	
	Notary Public	

ANITA G. BROWN NOTARY PUBLIC OF NEW JERSEY My Commission Expires April 6, 2014

Executed this	day of	, 201	2.			
NARDOS TEUMELS	AN					
ACKNOWLEDGEME	NT					
STATE OF NEW JEF						
COUNTY OF UNION) s.)	S				
On this me known, and know acknowledged that he (Seal)	day of n by me to be o (she) execut	, 2012, the same person(s) (ed the same, of his (h	personally appea described in and w ner) own free will f	red before me N ho executed the or the purpose s	IARDOS TEUM of foregoing instruet et forth.	ELSAN, to ument, and
,			Motor	y Public		
			Notai	y i dollo		
Executed this		ctopor, 201	2.			
ACKNOWLEDGEME	ENT					
STATE OF NEW JEF	RSEY)					
COUNTY OF UNION) s.	s. ;				
On this to me known, and kn- acknowledged that he	own by me to	be the same person of the country of	described in and w	no executed the	e foregoing instr	ASTERNAK ument, and
(Seal)			Clif L)/S2_		
		-ALLEGARIAN	Notar	y Public		
		•	~			

ANITA G. BROWN NOTARY PUBLIC OF NEW JERSEY My Commission Expires April 6, 2014

Executed this // day of // doce , 2012.	
REYNALDA DEJESUS	
REYNALDA DeJESUS/	
ACKNOWLEDGEMENT	
STATE OF NEW JERSEY)	
) s.s.: COUNTY OF UNION)	
11 Dome	
On this day of, 2012, personally appeared before me REYNALDA DeJESUS, 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.	
the state of the s	
(Seal)	
Nøtary Public	

ANITA G. BROWN NOTARY PUBLIC OF NEW JERSEY My Commission Expires April 6, 2014

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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	. , 2012.
HAIFENG TANG	
HAIFENG TANG	
ACKNOWLEDGEMENT	
STATE OF NEW JERSEY)) s.s.:	
COUNTY OF UNION)	
On this day of , known, and known by me to be the same person(s acknowledged that he (she) executed the same, of	2012, personally appeared before me HAIFENG TANG, to me 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	, 2012.
BARBARA PIO	-
ACKNOWLEDGEMENT	
STATE OF NEW JERSEY)	
) s.s.:	
COUNTY OF UNION)	
On this day of , and known by me to be the same person described that he (she) executed the same, of his (her) own f	2012, personally appeared before me BARBARA PIO, to me known, in and who executed the foregoing instrument, and acknowledged ree will for the purpose set forth.
(Seal)	
	Notary Public

Executed this 15 day of 0cfor	<u>609</u> , 2012.
NARDOS TEUMELSAN	······································
ACKNOWLEDGEMENT	
STATE OF NEW JERSEY)	
COUNTY OF UNION) s.s.:	
On this / day of / day of me known, and known by me to be the same acknowledged that he (she) executed the same	, 2012, personally appeared before me NARDOS TEUMELSAN, to e person(s) described in and who executed the foregoing instrument, and ime, of his (her) own free will for the purpose set forth.
(Seai)	(1871) Deles
	Notary Public
	ANITA G. BROWN
Executed this day of	A. A. A
ALEXANDER PASTERNAK	
ACKNOWLEDGEMENT	
STATE OF NEW JERSEY)	
COUNTY OF UNION) s.s.:	
to me known, and known by me to be the sai	, 2012, personally appeared before me ALEXANDER PASTERNAK, me person described in and who executed the foregoing instrument, and ime, of his (her) own free will for the purpose set forth.
(Seal)	
	Notary Public

Executed this day of	, 2012.
REYNALDA DeJESUS	
ACKNOWLEDGEMENT	
STATE OF NEW JERSEY)) S COUNTY OF UNION)	s.:
known, and known by me to be the	, 2012, personally appeared before me REYNALDA DeJESUS , to me same person(s) described in and who executed the foregoing instrument, and ted the same, of his (her) own free will for the purpose set forth.
(Seal)	
	Notary Public