PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4178797

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date	
SCOTT KUDUK	12/04/2013	
CRAIG A. STUMP	12/04/2013	

RECEIVING PARTY DATA

Name:	IERCK 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:	14761170

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: 732-594-3904

Email: virginia.finno-sorrentino@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:	23221
NAME OF SUBMITTER:	VIRGINIA FINNO-SORRENTINO
SIGNATURE:	/VIRGINIA FINNO-SORRENTINO/
DATE SIGNED:	12/09/2016

Total Attachments: 4

source=23221_ASSIGN_MSDC#page1.tif source=23221_ASSIGN_MSDC#page2.tif source=23221_ASSIGN_MSDC#page3.tif source=23221_ASSIGN_MSDC#page4.tif

PATENT 504138953 REEL: 040700 FRAME: 0936

Attorney Docket No.: 23221

WORLDWIDE ASSIGNMENT

WHEREAS, I/WE,

- (1) Andrew Cooke, located at Doylestown, PA
- (2) Scott Kuduk, located at Harleysville, PA
- (3) Craig Stump, located at Pottstown, PA
- (4) Peter Williams, located at Harleysville, PA

(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:

4-FLUOROPIPERIDINE OREXIN RECEPTOR ANTAGONISTS

and/or in the following application(s):

U.S. Application No. $14/761,170$ having a filing date of $01/13/2014$; and PCT International Application No. $PCT/US/VD/US$ having a filing date of $1/13/2014$; and	U.S. Provisional Application No. 61/753,	,140 filed on January 16, 2013;
	U.S. Application No. 14/761,170	$_{\perp}$ having a filing date of $01/13/2014$, and
PCT International Application No. <u>FCF/W>FW/W</u> having a filing date of <u>F/W>FXW</u> F7	PCT International Application No. PCT	<u>///S/4/2///@</u> 9having a filing date of <u>/ // 3 / / / / /</u> / / /

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.

IWE 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.: 23221

Executed this 4 day of 2001	;;;2013.
////////	_ <i></i>
Andrew Cooke	Scott Kůdůk
Ci A S	
Craig A. Stump	
A OZOLOWA ED OCHICUE	
ACKNOWLEDGEMENT	
COMMONWEALTH of PENNSYLVANIA)	
County of MONTGOMERY) s.s.:
and a service in a morning and into min by the	2, 2013, personally appeared before me Andrew Cooke, Scott Kuduk, e to be the same person(s) described in and who executed the foregoing xecuted the same, of his (her) own free will for the purpose set forth. Marjorie M. Bennett
ACKNOWLEDGEMENT	
of	COMMONWEALTH OF PENNSYLVANIA Notarial Seal Marjorie M. Bennett, Notary Public
County of	Upper Gwynedd Twp., Montgomery County My Commission Expires Jan. 24, 2015 MEMBER, PENNSYLVANIA ASSOCIATION OF NOTARIES
On this day of and known by me to be the same person desc hat he (she) executed the same, of his (her) o	, 2013, personally appeared before me to me known, ribed in and who executed the foregoing instrument, and acknowledged wn free will for the purpose set forth.
(Seal)	
	NOTADY BUDIEC

REEL: 040700 FRAME: 0938

Attorney Docket No.: 23221

WORLDWIDE ASSIGNMENT

WHEREAS, I/WE,

- (1) Andrew Cooke, located at Doylestown, PA
- (2) Scott Kuduk, located at Harleysville, PA
- (3) Craig Stump, located at Pottstown, PA
- (4) Peter Williams, located at Harleysville, PA

(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:

4-FLUOROPIPERIDINE OREXIN RECEPTOR ANTAGONISTS

and/or in the following application(s):

U.S. Provision	nal Application	1 No. 61/753,14	IO filed on Jar	nuary 16, 20	13;		
U.S. Applicat	ion No. 14	/761,170	having a filing	date of C	1/13/201	$4\mathrm{and}$ /	
PCT Internat	ional Application	on No. <u>PCT/U</u>	<u> SI4 OILAUÑ</u>	naving a filin	g date of _	1/13/20	2/4/

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.: 23221 Peter Williams **ACKNOWLEDGEMENT** COMMONWEALTH of PENNSYLVANIA)) s.s.: County of MONTGOMERY 2013, personally appeared before me Peter Williams, 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. Notarial Seal (Seal) Dorothy M. Miller, Notary Public Upper Gwynedd Twp., Montgomery County My Commission Expires May 14, 2017 ACHENOTIVE PLOB ENTENTATION OF NOTARIES) s.s.: , 2013, personally appeared before me day of 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)

COMMONWEALTH OF PENUSYLVANIA

Notarial Seal
Dorothy M. Miller, Notary Public
Upper Gwynedd Twp., Montgomery County
My Commission Expires May 14, 2017
MEMBER PERMISSIONALA ASSOCIATION ASSOCIATION ASSOCIATION ASSOCIATION ASSOCIATION ASSOCIATION ASSO

NOTARY PUBLIC

RECORDED: 12/09/2016

REEL: 040700 FRAME: 0940