# 503601931 12/08/2015 PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:		NE	W ASSIGNMENT				
NATURE OF CONVEYANCE:		ASS	ASSIGNMENT				
CONVEYING PARTY D	ΑΤΑ	•					
		Nam	le			Execution Date	
MICHAEL LETAVIC						11/04/2015	
DALE A. RUDOLPH						12/08/2015	
BRAD M. SAVALL						11/04/2015	
BROCK T. SHIREMAN						11/04/2015	
DEVIN SWANSON						11/04/2015	
RECEIVING PARTY DA	ATA						
Name:	JANSS	JANSSEN PHARMACEUTICA NV					
Street Address:	TURN	TURNHOUTSEWEG 30					
City:	2340 E	BEERSE					
State/Country:	BELGI	UM					
PROPERTY NUMBERS	6 Total: 1	1					
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#### ASSIGNMENT

WHEREAS, I, Michael Letavic, citizen of United States of America, c/o Janssen Research & Development, L.L.C., 3210 Merryfield Row, San Diego, California 92121-1126, ASSIGNOR, am an inventor of one or more inventions disclosed, described and/or claimed in the application referred to as Application Number 14/112,712 filed January 28, 2014 ("the invention"), which is entitled DISUBSTITUTED OCTAHYDROPYRROLO [3,4-C] PYRROLES AS OREXIN RECEPTOR MODULATORS ("the subject application"), a national stage U.S. patent application of international patent application number PCT/US2012/034372 filed April 20, 2012, which claims priority to U.S. Provisional Application No. 61/477,566 filed April 20, 2011 ("the priority application").

AND WHEREAS, JANSSEN PHARMACEUTICA NV, ASSIGNEE, having a place of business at Turnhoutseweg 30, B-2340 Beerse, Belgium, is desirous of obtaining my entire right, title, and interest in, to, and under the invention:

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, the ASSIGNOR, hereby sell, assign, transfer, and set over, unto the ASSIGNEE, its successors, legal representatives, and assigns, my entire right, title, and interest in, to, and under the invention, and all applications for industrial property protection, including without limitation, all applications for patents, utility models, inventors' certificates, and designs that have been filed, and that may hereafter be filed, in any country, that disclose, describe, and/or claim the invention, including, without limitation, the subject application and the priority application, and all extensions, renewals, and reissues of such applications, including all divisions and continuations in whole or in part; all patents granted on such applications in any country, and all extensions, renewals, and reissues of such patents, including all divisions and continuations in whole or in part; the right to file such applications in any country; and the right to claim for such applications in any country the priority rights derived from the priority application and the subject application under the International Convention for the Protection of Industrial Property, the Patent Laws of the United States, any other international agreement or protection, or the domestic laws of any country in which any such application is filed, as may be applicable.

AND I HEREBY covenant and agree that I have full right to convey my entire interest herein assigned, and that I have not executed, and will not execute, any agreement in conflict herewith.

AND I HEREBY further covenant and agree that I will communicate to the ASSIGNEE, its successors, legal representatives, and assigns, any facts known to me respecting the invention, and testify in any legal proceeding, sign all lawful papers, execute all disclaimers and all divisional, continuing, reissue, and foreign applications, make all rightful oaths, deliver upon

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request all papers, documents, affidavits, or other instruments that may be necessary or helpful in the prosecution of any application for industrial property protection describing and/or claiming the invention, and generally do everything possible to aid the ASSIGNEE, its successors, legal representatives, and assigns, to obtain and enforce proper protection for the invention in all countries.

IN TESTIMONY WHEREOF, I have signed my name below on the date indicated above my signature.

day of November, year of 2015 **Executed** this

Signature Michael Letavic

Page 2 of 2

#### ASSIGNMENT

WHEREAS, I, Dale A. Rudolph, citizen of United States of America, c/o Janssen Research & Development, L.L.C., 3210 Merryfield Row, San Diego, California 92121-1126, ASSIGNOR, am an inventor of one or more inventions disclosed, described and/or claimed in the application referred to as Application Number 14/112,712 filed January 28, 2014 ("the invention"), which is entitled DISUBSTITUTED OCTAHYDROPYRROLO [3,4-C] PYRROLES AS OREXIN RECEPTOR MODULATORS ("the subject application"), a national stage U.S. patent application of international patent application number PCT/US2012/034372 filed April 20, 2012, which claims priority to U.S. Provisional Application No. 61/477,566 filed April 20, 2011 ("the priority application").

AND WHEREAS, JANSSEN PHARMACEUTICA NV, ASSIGNEE, having a place of business at **Turnhoutseweg 30, B-2340 Beerse, Belgium**, is desirous of obtaining my entire right, title, and interest in, to, and under the invention:

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, the ASSIGNOR, hereby sell, assign, transfer, and set over, unto the ASSIGNEE, its successors, legal representatives, and assigns, my entire right, title, and interest in, to, and under the invention, and all applications for industrial property protection, including without limitation, all applications for patents, utility models, inventors' certificates, and designs that have been filed, and that may hereafter be filed, in any country, that disclose, describe, and/or claim the invention, including, without limitation, the subject application and the priority application, and all extensions, renewals, and reissues of such applications, including all divisions and continuations in whole or in part; all patents granted on such applications in any country, and all extensions, renewals, and reissues of such patents, including all divisions and continuations in whole or in part; the right to file such applications in any country; and the right to claim for such applications in any country the priority rights derived from the priority application and the subject application under the International Convention for the Protection of Industrial Property, the Patent Laws of the United States, any other international agreement or protection, or the domestic laws of any country in which any such application is filed, as may be applicable.

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IN TESTIMONY WHEREOF, I have signed my name below on the date indicated above my signature.

Executed this 3th day of December, year of 2015.

Signature Dale A. Rudolph

#### ASSIGNMENT

WHEREAS, I, Brad M. Savali, citizen of United States of America, c/o Janssen Research & Development, L.L.C., 3210 Merryfield Row, San Diego, California 92121-1126, ASSIGNOR, am an inventor of one or more inventions disclosed, described and/or claimed in the application referred to as Application Number 14/112,712 filed January 28, 2014 ("the invention"), which is entitled DISUBSTITUTED OCTAHYDROPYRROLO [3,4-C] PYRROLES AS OREXIN RECEPTOR MODULATORS ("the subject application"), a national stage U.S. patent application of international patent application number PCT/US2012/034372 filed April 20, 2012, which claims priority to U.S. Provisional Application No. 61/477,566 filed April 20, 2011 ("the priority application").

AND WHEREAS, JANSSEN PHARMACEUTICA NV, ASSIGNEE, having a place of business at Turnhoutseweg 30, B-2340 Beerse, Belgium, is desirous of obtaining my entire right, title, and interest in, to, and under the invention:

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, the ASSIGNOR, hereby sell, assign, transfer, and set over, unto the ASSIGNEE, its successors, legal representatives, and assigns, my entire right, title, and interest in, to, and under the invention, and all applications for industrial property protection, including without limitation, all applications for patents, utility models, inventors' certificates, and designs that have been filed, and that may hereafter be filed, in any country, that disclose, describe, and/or claim the invention, including, without limitation, the subject application and the priority application, and all extensions, renewals, and reissues of such applications, including all divisions and continuations in whole or in part; all patents granted on such applications in any country, and all extensions, renewals, and reissues of such patents, including all divisions and continuations in whole or in part; the right to file such applications in any country; and the right to claim for such applications in any country the priority rights derived from the priority application and the subject application under the International Convention for the Protection of Industrial Property, the Patent Laws of the United States, any other international agreement or protection, or the domestic laws of any country in which any such application is filed, as may be applicable.

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IN TESTIMONY WHEREOF, I have signed my name below on the date indicated above my signature. Executed this  $\frac{2}{2}$  day of  $\frac{NoVemA_{m}}{2}$ , year of 2015.

Signature

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#### ASSIGNMENT

WHEREAS, I, Brock T. Shireman, citizen of United States of America, c/o Janssen Research & Development, L.L.C., 3210 Merryfield Row, San Diego, California 92121-1126, ASSIGNOR, am an inventor of one or more inventions disclosed, described and/or claimed in the application referred to as Application Number 14/112,712 filed January 28, 2014 ("the invention"), which is entitled DISUBSTITUTED OCTAHYDROPYRROLO [3,4-C] PYRROLES AS OREXIN RECEPTOR MODULATORS ("the subject application"), a national stage U.S. patent application of international patent application number PCT/US2012/034372 filed April 20, 2012, which claims priority to U.S. Provisional Application No. 61/477,566 filed April 20, 2011 ("the priority application").

AND WHEREAS, JANSSEN PHARMACEUTICA NV, ASSIGNEE, having a place of business at Turnhoutseweg 30, B-2340 Beerse, Belgium, is desirous of obtaining my entire right, title, and interest in, to, and under the invention:

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, the ASSIGNOR, hereby sell, assign, transfer, and set over, unto the ASSIGNEE, its successors, legal representatives, and assigns, my entire right, title, and interest in, to, and under the invention, and all applications for industrial property protection, including without limitation, all applications for patents, utility models, inventors' certificates, and designs that have been filed, and that may hereafter be filed, in any country, that disclose, describe, and/or claim the invention, including, without limitation, the subject application and the priority application, and all extensions, renewals, and reissues of such applications, including all divisions and continuations in whole or in part; all patents granted on such applications in any country, and all extensions, renewals, and reissues of such patents, including all divisions and continuations in whole or in part; the right to file such applications in any country; and the right to claim for such applications in any country the priority rights derived from the priority application and the subject application under the International Convention for the Protection of Industrial Property, the Patent Laws of the United States, any other international agreement or protection, or the domestic laws of any country in which any such application is filed, as may be applicable.

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IN TESTIMONY WHEREOF, I have signed my name below on the date indicated above my signature.

4B \_day of November year of 2015 Executed this

Signature Brock T. Shireman

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Page 2 of 2

#### ASSIGNMENT

WHEREAS, I, Devin Swanson, citizen of United States of America, c/o Janssen Research & Development, L.L.C., 3210 Merryfield Row, San Diego, California 92121-1126, ASSIGNOR, am an inventor of one or more inventions disclosed, described and/or claimed in the application referred to as Application Number 14/112,712 filed January 28, 2014 ("the invention"), which is entitled DISUBSTITUTED OCTAHYDROPYRROLO [3,4-C] PYRROLES AS OREXIN RECEPTOR MODULATORS ("the subject application"), a national stage U.S. patent application of international patent application number PCT/US2012/034372 filed April 20, 2012, which claims priority to U.S. Provisional Application No. 61/477,566 filed April 20, 2011 ("the priority application").

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IN TESTIMONY WHEREOF, I have signed my name below on the date indicated above my signature.

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Signature...) Devin Swanson

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## PATENT REEL: 037240 FRAME: 0272

**RECORDED: 12/08/2015**