# 505230117 12/11/2018 PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT5276887

SUBMISSION TYPE:		NEW ASSIGNMENT	
NATURE OF CONVEYANCE:		ASSIGNMENT	
SEQUENCE:		1	
CONVEYING PARTY D	ΑΤΑ		
Name			Execution Date
PIERRE JEAN-MARIE E	BERNARD RA	BOISSON	11/21/2016
DIRK ANDRE EMMY RO	DYMANS		11/25/2016
ANIL KOUL			12/12/2016
RECEIVING PARTY DA	ТА		
Name:	JANSSEN PHARMACEUTICA NV		
Street Address:	TURNHOUTSEWEG 30		
City:	BEERSE		
State/Country:	BELGIUM		
Postal Code:	B-2340		
PROPERTY NUMBERS	Total: 1		
Property Type		Number	
Application Number:	1557	70054	
Fax Number:		)248-2366	
Correspondence will b	e sent to the	<i>e-mail address first; if that is unsucc</i> hat is unsuccessful, it will be sent via	
Phone:	5102	2482326	
Email:		alca@its.jnj.com	
Correspondent Name:		EPH F. SHIRTZ	
Address Line 1:		JOHNSON & JOHNSON PLAZA	
Address Line 4:	NEV	/ BRUNSWICK, NEW JERSEY 08933-7	003
NAME OF SUBMITTER:		CANDIDA RUBALCABA-RIVERA	

# DATE SIGNED:

Total Attachments: 11 source=TIP0330USPCT Inventors to Janssen NV#page1.tif source=TIP0330USPCT Inventors to Janssen NV#page2.tif source=TIP0330USPCT Inventors to Janssen NV#page3.tif source=TIP0330USPCT Inventors to Janssen NV#page4.tif

12/11/2018

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	Attorney Docket No.: TIP330USPCT
COMBINEI	DECLARATION AND ASSIGNMENT
Title of Invention: RSV ANTIVIRAL P	YRAZOLO- AND TRIAZOLO-PYRIMIDINE COMPOUNDS
This declaration and assignment is directed to:	The attached or filed herewith application of (list of named inventors),
ar	
	The United States application or PCT international application number PCT/EP2016/059392 filed on 27 April 2016
Declaration	
As the below named inventor, I hereby de	clars that:
The above-identified application ("Application	ation") was made or authorized by me.
I believe that I am the original inventor or	so original investor of a claimed investion or discovery in the Application.
I have reviewed and understood the contri- information which is material to patentability as do this Application in the United States of America.	ents of the Application, including the claims, and I acknowledge the duty to disclose effined in Title 37, the United States Code of Federal Regulations, §1.56 for filings of
I hereby acknowledge that any willful fail imprisonment of not more than five (5) years, or bo	se statement made in this declaration is punishable under 18 U.S.C. § 1001 by fine or th for filings of this Application in the United States of America.
Assignment	
	CEUTICA NV. Tumboutseweg 30, 2340 Beerse, Belgium
	constion of the state or country of Belgium
I hereby acknowledge that I have assigned which is hereby conformed for recordation in the U	d the above-identified invention by previous assignment (attached hereto) to Assignee S Patent Office and I confirm I have and do assign and transfer:
8 <b>7</b>	
For good and valuable consideration, the assigned and transferred to Assignee:	e sufficiency of which is acknowledged. I hereby assign and transfer and/or have
the right to claim priority to the Application, all in States, European Patent Office and of all other co such inventions or discoveries and all rights in continuations thereof, and to all Letters Patent the supplementary protection certificates, reexamination	the Application, including all priority rights for other countries arising therefrom and ventions or discoveries therein disclosed, and any and all Lotters Patent of the United matrices, which may be granted for such inventions or discoveries, or any of them, all such Application including any and all provisionals, substitutions, divisions, and at may be granted for said inventions and discoveries, and in and to all extensions, as, renewals, and reissues thereof, to be held and enjoyed by Assignee for its own use for which such Letters Patent may be granted, as fully and entirely as the same would next and sale not been made.
Office, any other patent offices, and under the Pate any reaxamination of any of such applications, an	ith the Application in the United States Patent and Trademark Office, European Patent at Cooperation Treaty, and any continuing, divisional, or reissue applications thereof, ad any patent term extensions or supplementary protection certificates of any such tents in connection with such applications as the Assignee may deem necessary or
	1

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Attorney Docket No.: TIP330USPCT

I shall execute all papers necessary in connection with any litigation or any other judicial proceeding in the United States or other country, or any administrative proceeding in the United States Patent and Trademark Office, European Patent Office, any other patent office, or under the Patent Cooperation Treaty concerning the Application(s) or any continuation, divisional, or relaxue applications thereof, or any reexamination of any such applications, or any Letters Patent issued therefrom or any patent term extensions or supplementary protection certificates of any such applications and to cooperate with the Assignze in every way possible in obtaining evidence and going forward with such litigation or proceeding.

I shall execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

I shall do all other acts which, in the opinion of Assignee, may be necessary or desirable to secure the grant of Letters Patent to Assignce or its nominces, in the United States, by the European Patent Office and in all other countries where Assignce may desire to have such inventions or discoveries, or any of them, patented, with specifications and claims in such form as shall be approved by Assignce and to vest and confirm in Assignce or its nominces the full and complete legal and equitable title to all such Letters Patent.

I hereby (i) suthorize and request the Commissioner of Patents to issue any and all Letters Patent of the United States resulting from the Application or any divisional, continuation, or relaxue applications thereof, and any reexamination of any of such applications, to Assignce, and (ii) covenant that I have full right to convey the interest herein assigned, and that I have not executed, and will not execute, any agreement in conflict herewith.

I hereby grant the attorney of record the power to insert on this assignment any further identification which may be necessary or desirable in order to obtain legal recordation of this document.

Date

**RABOISSON, Pierre Jean-Marie Bernard** LEGAL NAME OF INVENTOR

Signature

21 1 120 30/2

WHEREAS, RABOISSON, Pierre Jean-Marie Bernard, citizen of France, residing at Rue Jolle 3, 1331 Rosieres, Belgium (hereinafter referred to as "Assignor"), was employee of Jansson Intectious Diseases BVBA at the time the invention "RSV ANTIVIRAL PYRAZOLO- AND TRIAZOLO-PYRIMIDINE COMPOUNDS" (hereinafter referred to as "Invention") was made. The Assignor is co-inventor of that Invention,

for which on 12<sup>th</sup> day of August 2015, US Provisional Patent Application no. 62204390 was filed at the United States Patent and Trademark Office;

WHEREAS, the conditions under which said invention was made are such that as defined in the contract as an employee of Janssen Infectious Diseases BVBA the Assignor automatically entitles Janssen Infectious Diseases BVBA having its place of business at Turnhoutseweg 30, 2340 Beerse, Beigium (hereinafter referred to as "Assignee") to the entire right, title and interest to said Invention and improvements thereof, including the right to claim priority of a priority application for the Invention, both domestic and foreign; and

WHEREAS, the Assignee is desirous of acquiring Assignor's entire right, tille and interest in the Invention and improvements thereof, including the right to claim priority of a priority application for the invention, both domestic and foreign.

NOW, THEREFORE, BE IT KNOWN, that, for good and valuable consideration the receipt of which from the Assignee is hereby acknowledged, the Assignor for the avoidance of doubts hereby assigns and transfers to the Assignee his entire right, title and interest, including the right to claim priority of a priority application for the invention, in and to said invention and improvements thereof, which may be disclosed in a patent application and in and to said patent application, and all foreign equivalents thereof, including all substitutions, divisions, and continuations thereof, and in and to all Letters Patent, both domestic and foreign, that may be granted for said invention, and in and to all extensions, renewals, and relissues thereof, the same to be held and enjoyed by said Assignee, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by Assignor if this Assignment had not been made.

The Assignor covenants that the Assignor has the full right and obligation to convey the interest assigned by this Assignment, and the Assignor has not executed and will not execute any agreement in conflict with this Assignment.

The Assignor further agrees to make, execute and deliver to the Assignee upon request, any and all papers, documents, declarations, affidavits, or other instruments that may be necessary in the prosecution of any application or applications for the invention and improvements thereof or reissues of Letters Patent, and to assist the Assignee in every way as may be requested in protecting said invention. The Assignor acknowledgee that this obligation includes the duty to execute, in a timely manner, any Declaration and Power of Attorney that may be necessary in the prosecution of applications relating to said inventions in the United States or elsewhere.

The Assignor agrees that this general assignment is effective from the 12<sup>th</sup> day of August 2015.

IN TESTIMONY WHEREOF, the Assignor and Assignee set hereunto their hand and seal this date.

RABOISSON, Plerre Jean-Marie Bernard

Frenk Daelemans, Authorized Signatory Janssen Infectious Diseases BVBA

WHEREAS, RABOISSON, Pierre Jean-Marie Bernard, citizen of France, reskling at Rue Jolie 3, 1331 Roeleres, Belgium (hereinafter referred to as "Assignor"), was employee of Janssen Infectious Diseases BVBA at the time the invention "RSV ANTIVIRAL PYRAZOLO- AND TRIAZOLO-PYRIMIDINE COMPOUNDS" (hereinafter referred to as "Invention") was made. The Assignor is co-inventor of that Invention,

for which on 28<sup>th</sup> day of April 2015, US Provisional Patent Application no. 62153753 was filed at the United States Patent and Trademark Office;

WHEREAS, the conditions under which said invention was made are such that as defined in the contract as an employee of Janssen Infectious Diseases BVBA the Assignor automatically entitles Janssen Infectious Diseases BVBA having its place of business at Turnhoutseweg 30, 2340 Beerse, Belgium (hereinafter referred to as "Assignee") to the entire right, title and Interest to said Invention and improvements thereof, including the right to claim priority of a priority application for the Invention, both domestic and foreign; and

WHEREAS, the Assignee is desirous of acquiring Assignor's entire right, title and interest in the Invention and improvements thereof, including the right to claim priority of a priority application for the Invention, both domestic and foreign.

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The Assignor covenants that the Assignor has the full right and obligation to convey the interest assigned by this Assignment, and the Assignor has not executed and will not execute any agreement in conflict with this Assignment.

The Assignor further agrees to make, execute and deliver to the Assignee upon request, any and all papers, documents, declarations, affidavits, or other instruments that may be necessary in the prosecution of any application or applications for the Invention and Improvements thereof or releases of Letters Patent, and to assist the Assignee in every way as may be requested in protecting said invention. The Assignor acknowledges that this obligation includes the duty to execute, in a timely manner, any Declaration and Power of Attorney that may be necessary in the prosecution of applications relating to said inventions in the United States or elsewhere.

The Assignor agrees that this general assignment is effective from the 28<sup>th</sup> day of April 2015.

IN TESTIMONY WHEREOF, the Assignor and Assignee set hereunto their hand and seal this date.

**RABOISSON, Pierre Jean-Marie Bernard** 

Janssen Infectious Diseases BVBA

	Attomey Dockst No.: TIP330USPCT
COMBINEI	DECLARATION AND ASSIGNMENT
Title of Invention: RSV ANTIVIRAL P	YRAZOLO- AND TRIAZOLO-PYRIMIDINE COMPOUNDS
This declaration and assignment is directed to:	The strached or filed herewith application of (list of named inventors),
88	
	The United States application or PCT international application number PCT/EP2016/059392 filed on 27 April 2016
Declaration	
As the below named investor, I hereby de	clare that:
The above-identified application ("Applic	stioa") was made or suthorized by me.
I believe that I am the original inventor or	sn original inventor of a claimed invention or discovery in the Application.
I bave reviewed and understood the contr information which is material to patentability as de this Application in the United States of America.	ents of the Application, including the claims, and I acknowledge the duty to disclose efined in Title 37, the United States Code of Federal Regulations, §1.56 for filings of
I hereby acknowledge that any willful fal- imprisonment of not more than five (5) years, or bo	se statement made in this declaration is punishable under 18 U.S.C. § 1001 by fine or th for filings of this Application in the United States of America.
Assignment	
JANSSEN PHARMA	CEUTICA NV. Tumboutseweg 30, 2340 Beerse, Belgium
	poration of the state or country of Bolgium reinafter designated as the "Assignee"),
I hereby acknowledge that I have assigned which is hereby conformed for recordation in the U	d the above-identified invention by previous assignment (attached hereto) to Assignce S Patent Office and I confirm I have and do assign and transfer:
8r	
For good and valuable consideration, the assigned and transferred to Assignee:	e sufficiency of which is acknowledged. I hereby assign and transfer and/or have
the right to claim priority to the Application, all in States. European Patent Office and of all other co such inventions or discoveries and all rights in continuations thereof, and to all Latters Patent the supplementary protection certificates, reexamination	the Application, including all priority rights for other countries arising therefrom and ventions or discoveries therein disclosed, and any and all Letters Patent of the United untries, which may be granted for such inventions or discoveries, or any of them, all such Application including any and all provisionals, substitutions, divisions, and at may be granted for taid inventions and discoveries, and in and to all extensions, ns, renewals, and relasues thereof, up be held and enjoyed by Assignee for its own use for which such Letters Patent may be granted, as fully and entirely as the same would untri and sale not been made.
Office, any other patent offices, and under the Pate any reexamination of any of such applications, as	ith the Application in the United States Patent and Trademark Office, European Patent at Cooperation Treaty, and any continuing, divisional, or reissue applications thereof, ad any patent term extensions or supplementary protection certificates of any such ents in connection with such applications as the Assignce may deem necessary or
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PATENT REEL: 047741 FRAME: 0367

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#### Attorney Dockst No.: TIP330USPCT

I shall execute all papers necessary in connection with any litigation or any other judicial proceeding in the United States or other country, or any administrative proceeding in the United States Patent and Trademark Office, European Patent Office, any other patent office, or under the Patent Cooperation Treaty concerning the Applications(s) or any continuation, divisional, or reissue applications thereof, or any reexamination of any such applications, or any Letters Patent issued therefrom or any patent term extensions or supplementary protection certificates of any such applications and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such litigation or proceeding.

I shall execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

I shall do all other acts which, in the opinion of Assignes, may be necessary or desirable to secure the grant of Letters Patent to Assignee or its nominees, in the United States, by the European Patent Office and in all other countries where Assignee may desire to have such inventions or discoveries, or any of them, patented, with specifications and claims in such form as shall be approved by Assignee and to vest and confirm in Assignee or its nominees the full and complete legal and equitable title to all such Letters Patent.

I hereby (i) authorize and request the Commissioner of Patents to issue any and all Letters Patent of the United States resulting from the Application or any divisional, continuation, or release applications thereof, and any reexamination of any of such applications, to Assignee, and (ii) covenant that I have full right to convey the interest herein assigned, and that I have not executed, and will not execute, any agreement in conflict herewith.

I hereby grant the attorney of record the power to insert on this assignment any further identification which may be necessary or desirable in order to obtain legal recordation of this document.

ROYMANS, Dirk André Emmy LEGAL NAME OF INVENTOR

Signature

<u>25 wax 2016</u> Date

2

WHEREAS, ROYMANS, Dirk André Emmy, citizen of Belgium, residing at Brandhoefstraat 63, 2300 Turnhout, Belgium (hereinafter referred to as "Assignor"), was employee of Janesen Infectious Diseases BVBA at the time the Invention "RSV ANTIVIRAL PYRAZOLO- AND TRIAZOLO-PYRIMIDINE COMPOUNDS" (hereinafter referred to as "Invention") was made. The Assignor is co-inventor of that Invention,

for which on 12<sup>®</sup> day of August 2015, US Provisional Patent Application no. 62204390 was filed at the United States Patent and Trademark Office;

WHEREAS, the conditions under which said invention was made are such that as defined in the contract as an employee of Janssen infectious Diseases BVBA the Assignor automatically entitles Janssen Infectious Diseases BVBA having its place of business at Turnhoutssweg 30, 2340 Beerse, Belgium (hereinafter referred to as "Assignee") to the entire right, title and interest to said invention and improvements thereof, including the right to claim priority of a priority application for the Invention, both domestic and foreign; and

WHEREAS, the Assignee is desirous of acquiring Assignor's entire right, title and interest in the invention and improvements thereof, including the right to claim priority of a priority application for the invention, both domestic and foreign.

NOW, THEREFORE, BE IT KNOWN, that, for good and valuable consideration the receipt of which from the Assignee is hereby acknowledged, the Assignor for the avoidance of doubts hereby assigns and transfers to the Assignee his entire right, title and interest, including the right to claim priority of a priority application for the Invention, in and to said Invention and improvements thereof, which may be disclosed in a patent application and in and to said patent application, and all foreign equivalents thereof, including all substitutions, divisions, and continuations thereof, and in and to all Letters Patent, both domestic and foreign, that may be granted for said invention, and in and to all extensions, renewals, and reissues thereof, the same to be held and enjoyed by said Assignee, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by Assignor if this Assignment had not been made.

The Assignor covenants that the Assignor has the full right and obligation to convey the interest assigned by this Assignment, and the Assignor has not executed and will not execute any agreement in conflict with this Assignment.

The Assignor further agrees to make, execute and deliver to the Assignee upon request, any and all papers, documents, declarations, affidavits, or other instruments that may be necessary in the prosecution of any application or applications for the invention and improvements thereof or reissues of Letters Patent, and to assist the Assignee in every way as may be requested in protecting said invention. The Assignor acknowledges that this obligation includes the duty to execute, in a timely manner, any Declaration and Power of Attorney that may be necessary in the prosecution of applications relating to said inventions in the United States or elsewhere.

The Assignor agrees that this general assignment is effective from the 12th day of August 2015.

IN TESTIMORY WHEREOF, the Assignor and Assignee set hereunto their hand and seal this date.

ROYMANS, Dirk André Emmy

Frank Daelemans, Authorized Signatory Janasen Infectious Diseases BVBA

WHEREAS, ROYMANS, Dirk André Emmy, citizen of Belgium, residing at Brandhoefstreat 63, 2300 Turnhout, Belgium (hereinafter referred to as "Assignor"), was employee of Janssen infectious Diseases BVBA at the time the invention "RSV ANTIVIRAL PYRAZOLO- AND TRIAZOLO-PYRIMIDINE COMPOUNDS" (hereinafter referred to as "Invention") was made. The Assignor is co-inventor of that Invention,

for which on 28<sup>th</sup> day of April 2015, US Provisional Patent Application no. 62153753 was filed at the United States Patent and Trademark Office;

WHEREAS, the conditions under which said Invention was made are such that as defined in the contract as an employee of Janssen infectious Diseases BVBA the Assignor automatically entitles Janssen infectious Diseases BVBA having its place of business at Turnhoutseweg 30, 2340 Beerse, Belgium (hereinafter referred to as "Assignee") to the entire right, title and interest to said Invention and improvements thereof, including the right to claim priority of a priority application for the Invention, both domestic and foreign; and

WHEREAS, the Assignee is desirous of acquiring Assignor's entire right, title and interest in the Invention and improvements thereof, including the right to claim priority of a priority application for the Invention, both domestic and foreign.

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The Assignor covenants that the Assignor has the full right and obligation to convey the interest assigned by this Assignment, and the Assignor has not executed and will not execute any agreement in conflict with this Assignment.

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The Assignor agrees that this general assignment is effective from the 28th day of April 2015.

IN TESTIMONY WHEREOF, the Assignor and Assignee set hereunto their hand and seal this date.

ROYMANS, Dirk André Emmy

**Janssen Infectious Diseases BVBA** 

Attorney Docket No.: TIP330USPCT
COMBINED DECLARATION AND ASSIGNMENT
Title of Invention: RSV ANTIVIRAL PYRAZOLO- AND TRIAZOLO-PYRIMIDINE COMPOUNDS
The attached or filed herewith application of (list of named inventors),
87
The United States application or PCT international application number PCT/EP2016/059392 filed on 27 April 2016
Declaration
As the below named inventor, I hereby declars that:
The above-identified application ("Application") was made or authorized by me.
I believe that I am the original inventor or an original inventor of a claimed invention or discovery in the Application.
I have reviewed and understood the contents of the Application, including the claims, and I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, the United States Code of Pederal Regulations, §1.56 for filings of this Application in the United States of America.
I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. § 1001 by fine or imprisonment of not more than five (5) years, or both for filings of this Application in the United States of America.
Assignment
JANSSEN PHARMACEUTICA NV. Turnhoutsewer 30, 2340 Beerse, Belgium
A corporation of the state or country of Belgium (hereinsfier designated as the "Assignee"),
I hereby acknowledge that I have assigned the above-identified invention by previous assignment (attached hereto) to Assignee which is hereby conformed for recordation in the US Patent Office and I confirm I have and do assign and transfer:
97 ST
For good and valuable consideration, the sufficiency of which is acknowledged. I hereby assign and transfer and/or have assigned and transferred to Assignee:
my entire right, title, and interest in, to, and under the Application, including all priority rights for other countries arising therefrom and the right to claim priority to the Application, all inventions or discoveries therein disclosed, and any and all Letters Patent of the United States. European Patent Office and of all other countries, which may be granted for such inventions or discoveries, or any of them, all such inventions or discoveries and all rights in such Application including any and all provisionals, substitutions, divisions, and continuations thereof, and to all Letters Patent that may be granted for said inventions and discoveries, and in and to all extensions, supplementary protection certificates, reexaminations, renewals, and reissues thereof, to be held and enjoyed by Assignee for its own use and enjoyment to the full end of the term or terms for which such Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by me had this assignment and sale not been made.
I shall execute all papers necessary in connection with the Application in the United States Patent and Trademark Office, European Patent Office, any other patent offices, and under the Patent Cooperation Treaty, and any continuing, divisional, or reistue applications thereof, any reexamination of any of such applications, and any patent term extensions or supplementary protection certificates of any such applications and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.
1

#### Anomey Docket No.: TIP330USPCT

I shall execute all papers necessary in connection with any litigation or any other judicial proceeding in the United States or other country, or any administrative proceeding in the United States Patent and Trademark Office, European Patent Office, any other patent office, or under the Patent Cooperation Treaty concerning the Application(s) or any continuation, divisional, or reissue applications thereof, or any reexamination of any such applications, or any Letters Patent issued therefrom or any patent term extensions or supplementary protection certificates of any such applications and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such litigation or proceeding.

I shall execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

I shall do all other acts which, in the opinion of Assignee, may be necessary or desirable to secure the grant of Letters Patent to Assignce or its nominees, in the United States, by the European Patent Office and in all other countries where Assignee may desire to have such inventions or discoveries, or any of them, patented, with specifications and claims in such form as shall be approved by Assignce and to vent and confirm in Assignee or its nominees the full and complete legal and equitable title to all such Letters Patent.

I hereby (i) authorize and request the Commissioner of Patents to issue any and all Lenters Patent of the United States resulting from the Application or any divisional, continuation, or reissue applications thereof, and any reexamination of any of such applications. W Assignee, and (ii) covenant that I have full right to convey the interest berein assigned, and that I have not executed, and will not execute, any agreement in conflict herewith.

I hereby grant the attorney of record the power to insert on this assignment any further identification which may be necessary of desirable in order to obtain legal recordation of this document.

<u>KOUL, Anil</u> LEGAL NAME OF INVENTOR

Similar

12/12/2016

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#### Between

KOUL, Anil (hereinafter referred to as "Assignor")

#### AND

Janesen Phamaceutics NV, having its place of business at Turnhoutseweg 30, 2340 Beerse, Belgium (hereinafter referred to as "Assignee")

WHEREAS at the time the Invention of "RSV ANTIVIRAL PYRAZOLO- AND TRIAZOLO-PYRIMIDINE COMPOUNDS"

(hereinafter referred to as "Invention") was made, Assignor was an employee of Assignee. The Assignor is coinventor of the invention,

for which on the 27<sup>th</sup> day of April 2016, International Patent Application no. PCT/EP2016/059392 was liled at the European Patent Office.

WHEREAS, the conditions under which said invention was made are such that as defined in the contract as an employee of Assignee, the Assignor automatically entities Assignee to the entire right, title and interest to said invention and improvements thereof, including the right to claim priority of a priority application for the invention, both domestic and foreign; and

WHEREAS, the Assignee is desirous of acquiring Assignor's entire right, title and interest in the Invention and improvements thereof, including the right to claim priority of a priority application for the Invention, both domestic and foreign.

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The Assignor agrees that this general assignment is effective from the 27th day of April 2016.

IN TESTIMONY WHEREOF, the Assignor and Assignee set hereunto their hand and seal this date.

KOUL, Anil

Frenk DAELEMANS, Authorized Signatory Janssen Pharmaceutica NV

PATENT REEL: 047741 FRAME: 0373

**RECORDED: 12/11/2018**