PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5165582

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
SEQUENCE:	1

CONVEYING PARTY DATA

Name	Execution Date
KOEN VANDYCK	03/13/2014
STEFAAN JULIEN LAST	03/13/2014
PIERRE JEAN-MARIE BERNARD RABOISSON	03/10/2014

RECEIVING PARTY DATA

Name:	JANSSEN INFECTIOUS DISEASES BVBA	
Street Address:	ss: TURNHOUTSEWEG 30	
City:	BEERSE	
State/Country:	BELGIUM	
Postal Code:	B-2340	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14771448

CORRESPONDENCE DATA

Fax Number: (510)248-2366

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: 510-248-2326

Email:crubalca@its.jnj.comCorrespondent Name:JOSEPH F. SHIRTZAddress Line 1:JOHNSON & JOHNSON

Address Line 2: ONE JOHNSON & JOHNSON PLAZA
Address Line 4: NEW BRUNSWICK, NEW JERSEY 08933

ATTORNEY DOCKET NUMBER:	TIP0292USPCT
NAME OF SUBMITTER:	CANDIDA RUBALCABA-RIVERA
SIGNATURE:	/Candida Rubalcaba-Rivera/
DATE SIGNED:	09/28/2018

Total Attachments: 9

source=1_TIP0292USPCT_Assignments_Inventors-JIDBVBA_dec#page1.tif source=1_TIP0292USPCT_Assignments_Inventors-JIDBVBA_dec#page2.tif

PATENT 505118821 REEL: 047012 FRAME: 0204



	Attorney Docket No.: TIP0292USPCT Serial No.:
THIS DOCUMENT IS BEING S	UBMITTED FOR A DUAL PURPOSE

DECLARATION AND ASSIGNMENT — PATENT APPLICATION

Title of Invention: SULFAMOYL-ARYLAMIDES AND THE USE THEREOF AS MEDICAMENTS FOR THE TREATMENT OF HEPATITIS B

As the below named inventor, I hereby declare that:		
This declaration is directed to:		The attached application, or
	Х	The United States application or PCT international application number PCT/EP2014/053856 filed on 27 February 2014
The above-identified application	("Applicat	ion") 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 Federal 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.

For good and valuable consideration, the sufficiency of which is acknowledged, I hereby sell, assign, transfer and set over to and/or have sold, assigned, transferred and set over to:

Janssen Infectious Diseases BVBA, Turnhoutseweg 30, 2340 Beerse, Belgium

A corporation of the state or country of Belgium

(hereinafter designated as the "Assignee"), my entire right, title, and interest in, to, and under the Application, including all priority rights for other countries arising therefrom, all inventions or discoveries therein disclosed, and any and all Letters Patent of the United States, European Patent Office and of all other countries, including Canada, 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 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 them had this assignment and sale not been made.

I agree to execute all papers necessary in connection with the Application in the United States, Patent Cooperative Treaty, European Patent Office and any other foreign countries and any continuing, divisional, or reissue 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.

I agree to execute all papers necessary in connection with any litigation or any other administrative or judicial proceeding in the United States, Patent Cooperative Treaty, European Patent Office and any other foreign countries 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 and 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 agree to 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.

Page 1 of 2

		Attorney Docket No.: TIP0292USPC
		THIS DOCUMENT IS BEING SUBMITTED FOR A DUAL PURPOSE
	DECLARATION AND AS	SIGNMENT — PATENT APPLICATION
	e of Invention: SULFAMOYL-ARYLAMI E TREATMENT OF HEPATITIS B	DES AND THE USE THEREOF AS MEDICAMENTS FOR
such	signee or its nominees, in the United States, Europe inventions or discoveries, or any of them, patented,	of Assignee, may be necessary or desirable to secure the grant of Letters Paten can Patent Office and in all other countries where Assignee may desire to have with specifications and claims in such form as shall be approved by Assigned II and complete legal and equitable title to all such Letters Patent.
the sa	the Application or any divisional, continuation, or rei	ner of Patents to issue any and all Letters Patent of the United States resulting issue applications thereof, and any reexamination of any of such applications, to crest, and hereby covenant that I have full right to convey the interest hereing, any agreement in conflict herewith.
desira	I hereby grant the attorney of record the power to able in order to obtain legal recordation of this docum	insert on this assignment any further identification which may be necessary o ent.
VAN LEG	DYCK, Koep AL NAME OF INVENTOR sture	13 Morch 2014 Date
	A	CKNOWLEDGMENT
	STATE OF SS:	
	Acknowledged-before-me,-a-Notary-Public, within thisday of	n-and-for-said County-and-StateWitness-my-hand and Notarial Seal
	OR:	
X	I hereby acknowledge that I have also assigned the hereby conformed for recordation in the US Paters	e above-identified invention by General Assignment (attached hereto) which is t Office.
X	Attached hereto is a Notarization.	
	The above signature(s) has been seen by us, No genuinely the signature(s) of Koen Vandyck.	tary Coppens at Vosselaar (Belgium), and we certify it to be
	The above signature(s) has been seen by us	Notary Public Geassocie
	Notary Jan Coppens at Vosselaar, and we certify	A M Z

Page 2 of 2

it to be genuinely the signature(s) of

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		Attorney Docket No.: TIP0292USPCT Serial No.:
		THIS DOCUMENT IS BEING SUBMITTED FOR A DUAL PURPOSE
DECLA	ARATION AND A	SSIGNMENT — PATENT APPLICATION
Title of Invention: SULFA THE TREATMENT OF H		IDES AND THE USE THEREOF AS MEDICAMENTS FOR
As the below named inve	entor, I hereby declare th	nat:
This declaration is directed to:	The attached	application, or
		States application or PCT international application number PCT/EP2014/053858 February 2014
The above-identified application (("Application") was mad	le or authorized by me.
I believe that I am the original inv	entor or an original inve	entor of a claimed invention or discovery in the Application.
	y as defined in Title 3	cation, including the claims, and I acknowledge the duty to disclose information 37, the United States Code of Federal Regulations, §1.56 for filings of this
I hereby acknowledge that any imprisonment of not more than fiv	willful false statement ve (5) years, or both for t	made in this declaration is punishable under 18 U.S.C. § 1001 by fine or filings of this Application in the United States of America.
For good and valuable coand/or have sold, assigned, transfe	onsideration, the sufficienced and set over to:	iency of which is acknowledged, I hereby sell, assign, transfer and set over to
Janss	en Infectious Diseases	BVBA, Turnhoutseweg 30, 2340 Beerse, Belgium
	A corporation	n of the state or country of Belgium
for other countries arising therefroe European Patent Office and of all them, all such inventions or discove thereof, and to all Letters Patent protection certificates, reexamination	om, all inventions or distorted on the countries, including veries and all rights in suthat may be granted fortions, renewals, and reiss for which such Letters	t, title, and interest in, to, and under the Application, including all priority rights scoveries therein disclosed, and any and all Letters Patent of the United States, ing Canada, which may be granted for such inventions or discoveries, or any of uch Application including any and all substitutions, divisions, and continuations or said inventions and discoveries, and in and to all extensions, supplementary sues thereof, to be held and enjoyed by Assignee for its own use and enjoyment is Patent may be granted, as fully and entirely as the same would have been held in made.
European Patent Office and any of of any of such applications, and an	ther foreign countries an my patent term extension	nection with the Application in the United States, Patent Cooperative Treaty, and any continuing, divisional, or reissue applications thereof, any reexamination as or supplementary protection certificates of any such applications and also to lications as the Assignee may deem necessary or expedient.
United States, Patent Cooperative continuation, divisional, or reissu- therefrom and any patent term ex	Treaty, European Paten ne applications thereof, stensions or supplement	tion with any litigation or any other administrative or judicial proceeding in the nt Office and any other foreign countries concerning the Application(s) or any or any reexamination of any such applications, or any Letters Patent issued tary protection certificates of any such applications and to cooperate with the going forward with such litigation or proceeding.
I agree to execute all pape of the International Convention for		perform any act which may be necessary in connection with claims or provisions I Property or similar agreements.
		Page 1 of 2

Attorney Docket No.: TIP0292USPC Serial No.:
THIS DOCUMENT IS BEING SUBMITTED FOR A DUAL PURPOSE
DECLARATION AND ASSIGNMENT — PATENT APPLICATION
Title of Invention: SULFAMOYL-ARYLAMIDES AND THE USE THEREOF AS MEDICAMENTS FOR THE TREATMENT OF HEPATITIS B
I agree to do all other acts which, in the opinion of Assignee, may be necessary or desirable to secure the grant of Letters Pater to Assignee or its nominees, in the United States, 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 resultin from the Application or any divisional, continuation, or reissue applications thereof, and any reexamination of any of such applications, the said Assignee, and (ii) as Assignee of the entire interest, and hereby covenant that I have full right to convey the interest herei 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.
LAST, Stefaan Julien LEGAL NAME OF INVENTOR 13 March 2014
Signature Date
ACKNOWLEDGMENT
STATE OF SS:
GOUNTY-OF
Acknowledged-before-me, a Notary-Public, within-and for-said-County-and-State, Witness-my-hand-and-Notarial-Seal-thisday-of
OR:
X I hereby acknowledge that I have also assigned the above-identified invention by General Assignment (attached hereto) which is hereby conformed for recordation in the US Patent Office.
X Attached hereto is a Notarization.
The above signature(s) has been seen by us, Notary Coppens at Vosselaar (Belgium), and we certify it to be genuinely the signature(s) of Stefaan Julien Last.

The above signature(s) has been seen by us

Notary Jan Coppens at Vosselaar, and we certify

it to be genuinely the signature(s) of

Page 2 of 2

Page 2 of 2

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Notary Publics Geassocy

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		Attorney Docket No.: TIP0292USPCT Serial No.:
		THIS DOCUMENT IS BEING SUBMITTED FOR A DUAL PURPOSE
DECLA	ARATION AND A	SSIGNMENT — PATENT APPLICATION
Title of Invention: SULFAI THE TREATMENT OF H		IDES AND THE USE THEREOF AS MEDICAMENTS FOR
As the below named inve	entor, I hereby declare the	hat:
This declaration is directed to:	The attached	1 application, or
		States application or PCT international application number PCT/EP2014/053858 February 2014
The above-identified application ("Application") was made	de or authorized by me.
I believe that I am the original inve	entor or an original inve	entor of a claimed invention or discovery in the Application.
	y as defined in Title	ication, including the claims, and I acknowledge the duty to disclose information 37, the United States Code of Federal Regulations, §1.56 for filings of this
		made in this declaration is punishable under 18 U.S.C. § 1001 by fine or filings of this Application in the United States of America.
For good and valuable of and/or have sold, assigned, transfe		iency of which is acknowledged, I hereby sell, assign, transfer and set over to
Janss	en Infectious Diseases	BVBA, Turnhoutseweg 30, 2340 Beerse, Belgium
	A corporatio	n of the state or country of Belgium
for other countries arising therefroe European Patent Office and of all them, all such inventions or discouthereof, and to all Letters Patent protection certificates, reexaminating	om, all inventions or di other countries, includ- veries and all rights in s that may be granted fo- ions, renewals, and reis s for which such Letters	tt, title, and interest in, to, and under the Application, including all priority rights scoveries therein disclosed, and any and all Letters Patent of the United States, ing Canada, which may be granted for such inventions or discoveries, or any of such Application including any and all substitutions, divisions, and continuations or said inventions and discoveries, and in and to all extensions, supplementary sues thereof, to be held and enjoyed by Assignee for its own use and enjoyment is Patent may be granted, as fully and entirely as the same would have been held in made.
European Patent Office and any of of any of such applications, and an	ther foreign countries ar ny patent term extensio	nection with the Application in the United States, Patent Cooperative Treaty, and any continuing, divisional, or reissue applications thereof, any reexamination one or supplementary protection certificates of any such applications and also to lications as the Assignee may deem necessary or expedient.
United States, Patent Cooperative continuation, divisional, or reissu- therefrom and any patent term ex	Treaty, European Pater te applications thereof, tensions or supplemen	etion with any litigation or any other administrative or judicial proceeding in the nt Office and any other foreign countries concerning the Application(s) or any or any reexamination of any such applications, or any Letters Patent issued tary protection certificates of any such applications and to cooperate with the going forward with such litigation or proceeding.
I agree to execute all pape of the International Convention for		perform any act which may be necessary in connection with claims or provisions l Property or similar agreements.
		Page 1 of 2

·	Attorney Docket No.: TIP0292USPCT Serial No.:
	THIS DOCUMENT IS BEING SUBMITTED FOR A DUAL PURPOSE
DECLARATION AND AS	SSIGNMENT — PATENT APPLICATION
Title of Invention: SULFAMOYL-ARYLAM THE TREATMENT OF HEPATITIS B	IDES AND THE USE THEREOF AS MEDICAMENTS FOR
to Assignee or its nominees, in the United States, Europ such inventions or discoveries, or any of them, patented, and to vest and confirm in Assignee or its nominees the full I hereby (i) authorize and request the Commission from the Application or any divisional, continuation, or rethe said Assignee, and (ii) as Assignee of the entire intrassigned, and that I have not executed, and will not executed.	
I hereby grant the attorney of record the power to desirable in order to obtain legal recordation of this documents.	o insert on this assignment any further identification which may be necessary or nent.
RABOISSON, Pierre Jean-Marie Bernard LEGAL NAME OF INVENTOR Signature	Date 10 March 2014
A	CKNOWLEDGMENT
STATE-OF } SS:	

-	
	ACKNOWLEDGMENT
	STATE-OF SS:
	COUNTY-OF-
	Acknowledged before me, a Notary-Public, within and for said County and State. Witness my hand and Notarial Seal this day of
	OR:
x	I hereby acknowledge that I have also assigned the above-identified invention by General Assignment (attached hereto) which is hereby conformed for recordation in the US Patent Office.
X	Attached hereto is a Notarization.
	The above signature(s) has been seen by us, Notary Coppens at Vosselaar (Belgium), and we certify it to be genuinely the signature(s) of Pierre Jean-Marie Bernard Raboisson.
	Notary Public Notary Public
	A har hoop goon by IIS

The above signature(s) has been seen by us Notary Jan Coppens at Vosselaar, and we certify it to be genuinely the signature(s) of

Page 2 of 2 POSSELAN

General Assignment

WHEREAS, VANDYCK, Koen, citizen of Belgium, residing at Deurnestraat 74, 3583 Paal-Beringen, Belgium (hereinafter referred to as "Assignor"), was employee of Janssen Infectious Diseases BVBA at the time the invention "SULFAMOYL-ARYLAMIDES AND THE USE THEREOF AS MEDICAMENTS FOR THE TREATMENT OF HEPATITIS B" (hereinafter referred to as "Invention") was made. The Assignor is co-inventor of that Invention,

for which on 28th day of February 2013, European Patent Application no. EP13157232.3 was filed at the European Patent Office;

and for which on 31st of May 2013, European Patent Application no. EP13170069.2 was filed 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 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.

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 28th day of February 2013.

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

Janssen Infectious Diseases BVBA

General Assignment

WHEREAS, LAST, Stefaan Julien, citizen of Belgium, residing at Crauwelshoeve 59, 2547 Lint, Belgium (hereinafter referred to as "Assignor"), was employee of Janssen Infectious Diseases BVBA at the time the invention "SULFAMOYL-ARYLAMIDES AND THE USE THEREOF AS MEDICAMENTS FOR THE TREATMENT OF HEPATITIS B" (hereinafter referred to as "Invention") was made. The Assignor is co-inventor of that Invention,

for which on 28th day of February 2013, European Patent Application no. EP13157232.3 was filed at the European Patent Office;

and for which on 31st of May 2013, European Patent Application no. EP13170069.2 was filed 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 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 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 28th day of February 2013.

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

LAST, Stefaan Julien

Janssen Infectious Diseases BVBA

General Assignment

WHEREAS, RABOISSON, Pierre Jean-Marie Bernard, citizen of France, residing at Rue Jolie 3, 1331 Rosieres, Belgium (hereinafter referred to as "Assignor"), was employee of Janssen Infectious Diseases BVBA at the time the invention "SULFAMOYL-ARYLAMIDES AND THE USE THEREOF AS MEDICAMENTS FOR THE TREATMENT OF HEPATITIS B" (hereinafter referred to as "Invention") was made. The Assignor is co-inventor of that Invention,

for which on 28th day of February 2013, European Patent Application no. EP13157232.3 was filed at the European Patent Office;

and for which on 31st of May 2013, European Patent Application no. EP13170069.2 was filed 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 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.

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 28th day of February 2013.

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

RABOISSON, Pierre Jean-Marie Bernard

Janssen Infectious Diseases BVBA

PATENT REEL: 047012 FRAME: 0214

RECORDED: 09/28/2018