

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT3707468

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
KOEN VANDYCK	07/25/2013
BART RUDOLF ROMANIE KESTELEYN	07/25/2013
WIM GASTON VERSCHUEREN	07/25/2013
PIERRE JEAN-MARIE BERNARD RABOISSON	07/25/2013
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	JANSSEN INFECTIOUS DISEASES BVBA
<b>Street Address:</b>	TURNHOUTSEWEG 30
<b>City:</b>	BEERSE
<b>State/Country:</b>	BELGIUM
<b>Postal Code:</b>	2340
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	14907109
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(732)846-6630
<i>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.</i>	
<b>Phone:</b>	732-524-2543
<b>Email:</b>	mturner5@its.jnj.com
<b>Correspondent Name:</b>	BERNARD F. PLANTZ
<b>Address Line 1:</b>	JOHNSON & JOHNSON
<b>Address Line 2:</b>	ONE JOHNSON & JOHNSON PLAZA
<b>Address Line 4:</b>	NEW BRUNSWICK, NEW JERSEY 08933
<b>ATTORNEY DOCKET NUMBER:</b>	TIP0302USPCT
<b>NAME OF SUBMITTER:</b>	MARGARET TURNER, PATENT PARALGAL
<b>SIGNATURE:</b>	/Margaret Turner/
<b>DATE SIGNED:</b>	01/22/2016
<b>Total Attachments: 12</b>	
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\_\_\_ THIS DOCUMENT IS BEING SUBMITTED FOR A DUAL PURPOSE

## DECLARATION AND ASSIGNMENT — PATENT APPLICATION

**Title of Invention: Glyoxamide substituted pyrrolamide derivatives 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

X The United States application or PCT international application number **PCT/EP2014/066093**  
filed on **25 July 2014**

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 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.

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I agree to do all other acts which, in the opinion of Assignee, may be necessary or desirable to secure the grant of Letters Patent 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 resulting from the Application or any divisional, continuation, or reissue applications thereof, and any reexamination of any of such applications, to the said Assignee, and (ii) as Assignee of the entire interest, and hereby 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.

VANDYCK, Koen  
**LEGAL NAME OF INVENTOR**

Signature

Date

**ACKNOWLEDGMENT**

STATE OF \_\_\_\_\_ }  
COUNTY OF \_\_\_\_\_ } SS:

\_\_\_\_ 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 Jan Coppens at Vosselaar (Belgium), and we certify it to be genuinely the signature(s) of Koen Vandyck.



\_\_\_\_\_  
Notary Public

**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 "GLYOXAMIDE SUBSTITUTED PYRROLAMIDE DERIVATIVES 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 25<sup>th</sup> day of July 2013, European Patent Application no. EP 13177926.6 was filed at the European Patent Office;  
and for which on 4<sup>th</sup> day of June 2014, European Patent Application no. EP 14171062.4 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.

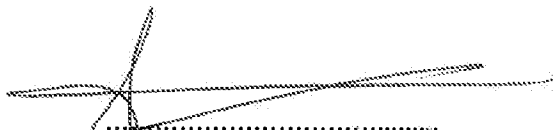
NOW, THEREFORE, BE IT KNOWN, that, for good and valuable consideration the receipt of which from the Assignee is hereby acknowledged, the Assignor for the avoidance of doubts hereby assigns and transfers to the Assignee his entire right, title and interest, including the right to claim priority of a 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 25<sup>th</sup> day of July 2013.

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



VANDYCK, Koen



Janssen Infectious Diseases BVBA

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**DECLARATION AND ASSIGNMENT — PATENT APPLICATION**

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X The United States application or PCT international application number **PCT/EP2014/066093**  
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I believe that I am the original inventor or an original inventor of a claimed invention or discovery in the Application.

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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.

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I agree to do all other acts which, in the opinion of Assignee, may be necessary or desirable to secure the grant of Letters Patent 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 resulting from the Application or any divisional, continuation, or reissue applications thereof, and any reexamination of any of such applications, to the said Assignee, and (ii) as Assignee of the entire interest, and hereby 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.

**KESTELEYN, Bart Rudolf Romanie**

**LEGAL NAME OF INVENTOR**

Signature

Date

**ACKNOWLEDGMENT**

STATE OF \_\_\_\_\_ }  
COUNTY OF \_\_\_\_\_ } SS:

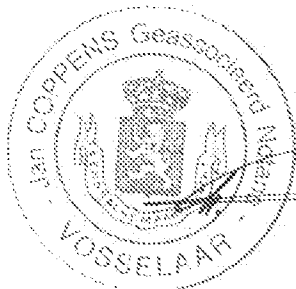
Acknowledged before me, a Notary Public, within and for said County and State, ~~Witness my hand and Notarial Seal~~  
this \_\_\_\_\_ day of \_\_\_\_\_.

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 *Jan* Coppens at Vosselaar (Belgium), and we certify it to be genuinely the signature(s) of Bart Rudolf Romanie KesteleyN.



Notary Public

**General Assignment**

WHEREAS, KESTELEYN, Bart Rudolf Romanie, citizen of Belgium, residing at Weidelandstraat 18, 9290 Berlare, Belgium (hereinafter referred to as "Assignor"), was employee of Janssen Infectious Diseases BVBA at the time the invention "GLYOXAMIDE SUBSTITUTED PYRROLAMIDE DERIVATIVES 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 25<sup>th</sup> day of July 2013, European Patent Application no. EP 13177926.6 was filed at the European Patent Office;  
and for which on 4<sup>th</sup> day of June 2014, European Patent Application no. EP 14171062.4 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.

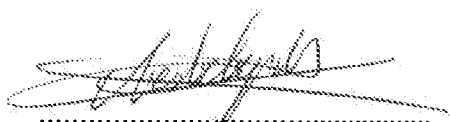
NOW, THEREFORE, BE IT KNOWN, that, for good and valuable consideration the receipt of which from the Assignee is hereby acknowledged, the Assignor for the avoidance of doubts hereby assigns and transfers to the Assignee his entire right, title and interest, including the right to claim priority of a 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.

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



KESTELEYN, Bart Rudolf Romanie



Janssen Infectious Diseases BVBA



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## DECLARATION AND ASSIGNMENT — PATENT APPLICATION

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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.

**VERSCHUEREN, Wim Gaston**

**LEGAL NAME OF INVENTOR**

Signature

Date

11-08-2014

**ACKNOWLEDGMENT**

STATE OF \_\_\_\_\_ }  
COUNTY OF \_\_\_\_\_ } SS:

\_\_\_\_ Acknowledged before me, a Notary Public, within and for said County and State. Witness my hand and Notarial Seal this \_\_\_\_\_ day of \_\_\_\_\_.

OR:

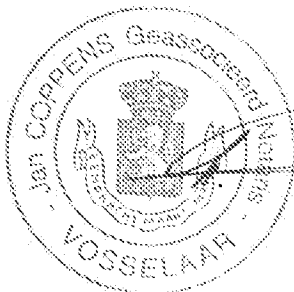
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X Attached hereto is a Notarization.

The above signature(s) has been seen by us, Notary *Jan* genuinely the signature(s) of Wim Gaston Verschueren.

Coppens at Vosselaar (Belgium), and we certify it to be

Notary Public



**General Assignment**

WHEREAS, VERSCHUEREN, Wim Gaston, citizen of Belgium, residing at De Wittestraat 5, 2600 Berchem, Belgium (hereinafter referred to as "Assignor"), was employee of Janssen Infectious Diseases BVBA at the time the invention "GLYOXAMIDE SUBSTITUTED PYRROLAMIDE DERIVATIVES 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,

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VERSCHUEREN, Wim Gaston  
.....  
Janssen Infectious Diseases BVBA

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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.

\_\_\_\_ THIS DOCUMENT IS BEING SUBMITTED FOR A DUAL PURPOSE

**DECLARATION AND ASSIGNMENT — PATENT APPLICATION**

**Title of Invention: Glyoxamide substituted pyrrolamide derivatives 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 Patent 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 resulting from the Application or any divisional, continuation, or reissue applications thereof, and any reexamination of any of such applications, to the said Assignee, and (ii) as Assignee of the entire interest, and hereby 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.

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

Signature



Date

28 August 2014

**ACKNOWLEDGMENT**

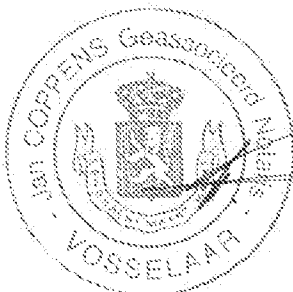
STATE OF \_\_\_\_\_ }  
COUNTY OF \_\_\_\_\_ } SS:

\_\_\_\_ 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 Jan Coppens at Vosselaar (Belgium), and we certify it to be genuinely the signature(s) of Pierre Jean-Marie Bernard Raboisson.



\_\_\_\_\_  
Notary Public

**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 "GLYOXAMIDE SUBSTITUTED PYRROLAMIDE DERIVATIVES 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 25<sup>th</sup> day of July 2013, European Patent Application no. EP 13177926.6 was filed at the European Patent Office;  
and for which on 4<sup>th</sup> day of June 2014, European Patent Application no. EP 14171062.4 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.

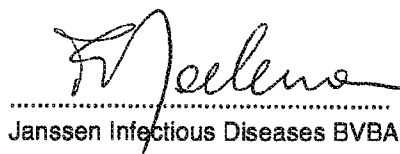
The Assignor further agrees to make, execute and deliver to the Assignee upon request, any and all papers, documents, declarations, affidavits, or other instruments that may be necessary in the prosecution of any application or applications for the Invention and improvements thereof or reissues of Letters 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 25<sup>th</sup> day of July 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**