

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT5276935

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT		
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT		
<b>SEQUENCE:</b>	2		
<b>CONVEYING PARTY DATA</b>			
	<b>Name</b>	<b>Execution Date</b>	
	DAVID FRANCIS ALAIN LANCOIS	09/28/2016	
	JEROME EMILE GEORGES GUILLEMONT	09/28/2016	
	DELPHINE YVONNE RAYMONDE LARDEAU	09/28/2016	
<b>RECEIVING PARTY DATA</b>			
<b>Name:</b>	JANSSEN-CILAG		
<b>Street Address:</b>	1 RUE CAMILLE DESMOULINS		
<b>Internal Address:</b>	TSA 91003, 92787		
<b>City:</b>	ISSY-LES MOULINEAUX		
<b>State/Country:</b>	FRANCE		
<b>Postal Code:</b>	CEDEX 9		
<b>PROPERTY NUMBERS Total: 1</b>			
<b>Property Type</b>	<b>Number</b>		
<b>Application Number:</b>	15570054		
<b>CORRESPONDENCE DATA</b>			
<b>Fax Number:</b>	(510)248-2366		
<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>	510-248-2326		
<b>Email:</b>	crubalca@its.jnj.com		
<b>Correspondent Name:</b>	JOSEPH F. SHIRTZ		
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<b>Address Line 4:</b>	NEW BRUNSWICK, NEW JERSEY 08933		
<b>ATTORNEY DOCKET NUMBER:</b>	TIP0330USPCT		
<b>NAME OF SUBMITTER:</b>	CANDIDA RUBALCABA-RIVERA		
<b>SIGNATURE:</b>	/Candida Rubalcaba-Rivera/		
<b>DATE SIGNED:</b>	12/11/2018		
<b>Total Attachments: 11</b>			

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# COMBINED DECLARATION AND ASSIGNMENT

## Title of Invention: RSV ANTIVIRAL PYRAZOLO- AND TRIAZOLO-PYRIMIDINE COMPOUNDS

This declaration and assignment is directed to:

☐ The attached or filed herewith application of (list of named inventors),

or

☒ 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 declare 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 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.

## Assignment

JANSSEN-CILAG, 1 rue Camille Desmoulins, TSA 91003, 92787 Issy-les-Moulineaux Cedex 9, France

A corporation of the state or country of FRANCE  
(hereinafter 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:

or

☐ 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 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 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.

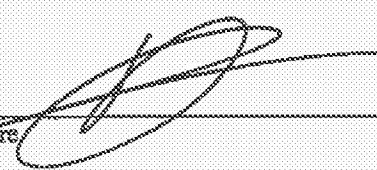
I shall do all other acts which, in the opinion of Assignee, may be necessary or desirable to secure the grant of Letters Patent to Assignee or its nominee, in the United States, by the European Patent Office and in all other countries where Assignee may desire to have such inventions or discoveries, 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 nominee 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 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.

LANCOIS, David Francis Alain  
LEGAL NAME OF INVENTOR

Signature



28 SEP. 2016

Date

## General Assignment

WHEREAS, LANÇOIS, David Francis Alain, citizen of France, residing at 13 Chemin des Vignes, Les Monts, 27400 Louviers, France (hereinafter referred to as "Assignor"), was employee of Janssen-Cilag 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-Cilag the Assignor automatically entitles Janssen-Cilag having its place of business at 1 rue Camille Desmoulins, TSA 91003, 92787 Issy-les-Moulineaux Cedex 9, France (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.

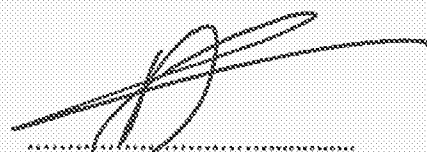
NOW, THEREFORE, BE IT KNOWN, that, for good and valuable consideration the receipt of which from the Assignee is hereby acknowledged, the Assignor for the avoidance of doubts hereby assigns and transfers to the Assignee his entire right, title and interest, including the right to claim priority of a 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 12<sup>th</sup> day of August 2015.

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

  
 LANÇOIS, David Francis Alain

  
 Frank Deelman, Authorized Signatory  
 Janssen-Cilag

## General Assignment

WHEREAS, LANÇOIS, David Francis Alain, citizen of France, residing at 13 Chemin des Vignes, Les Monts, 27400 Louviers, France (hereinafter referred to as "Assignor"), was employee of Janssen-Cilag 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-Cilag the Assignor automatically entitles Janssen-Cilag having its place of business at 1 rue Camille Desmoulins, TSA 91003, 92787 Issy-les-Moulineaux Cedex 9, France (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.

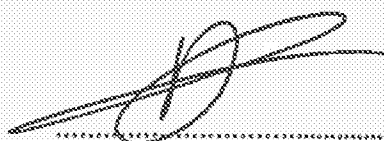
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The Assignor covenants that the Assignor has the full right and obligation to convey the interest assigned by this Assignment, and the Assignor has not executed and will not execute any agreement in conflict with this Assignment.


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LANÇOIS, David Francis Alain



Frank Daalemans, Authorized Signatory  
Janssen-Cilag

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This declaration and assignment is directed to:

☐ The attached or filed herewith application of (list of named inventors),

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## Declaration

As the below named inventor, I hereby declare 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 Federal Regulations, §1.56 for filings of this Application in the United States of America.

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A corporation of the state or country of FRANCE  
(hereinafter 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 confirmed for recordation in the US Patent Office and I confirm I have and do assign and transfer:

or

☐ 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 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 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 Assignee or its nominee, 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 nominee 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 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.

GUILLEMONT, Jérôme Émile Georges  
LEGAL NAME OF INVENTOR



Signature

28 SEP. 2016

Date



## General Assignment

WHEREAS, GUILLEMONT, Jérôme Émile Georges, citizen of France, residing at 51bis, route de Mulds, 27430 Andé, France (hereinafter referred to as "Assignor"), was employee of Janssen-Cilag 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-Cilag the Assignor automatically entitles Janssen-Cilag having its place of business at 1 rue Camille Desmoulins, TSA 91003, 92787 Issy-les-Moulineaux Cedex 8, France (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.

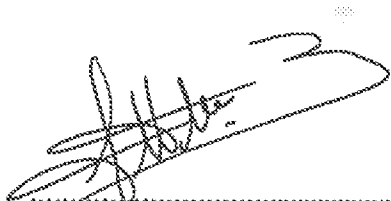
NOW, THEREFORE, BE IT KNOWN, that, for good and valuable consideration the receipt of which from the Assignee is hereby acknowledged, the Assignor for the avoidance of doubts hereby assigns and transfers to the Assignee his entire right, title and interest, including the right to claim priority of a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

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GUILLEMONT, Jérôme Émile Georges



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Frank Daelemans, Authorized Signatory  
Janssen-Cilag

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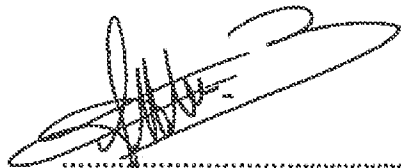
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Frank Daelmans, Authorized Signatory  
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I shall execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention 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 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 reissue 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.

LARDEAU Delphine Yvonne Raymonde  
LEGAL NAME OF INVENTOR



28 SEP. 2016

Signature

Date

## General Assignment

Between

LARDEAU, Delphine Yvonne Raymonde (hereinafter referred to as "Assignor")

AND

Janssen-Cilag, having its place of business at 1 rue Camille Desmoulins, TSA 91003, 92787 Issy-les-Moulineaux Cedex 9, France (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 co-inventor of the invention,

for which on the 27<sup>th</sup> day of April 2016, International Patent Application no. PCT/EP2016/059392 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 Assignee, the Assignor automatically entitles 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 doubt 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 provisionals, 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, supplementary protection certificates, reexaminations, 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, including all provisionals, substitutions, divisions, and continuations thereof, or for Letter Patents, both domestic and foreign, that may be granted for said Invention, and in and to all extensions, supplementary protection certificates, reexaminations, renewals, and reissues thereof, 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 Invention in the United States or elsewhere.

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

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

  
 LARDEAU, Delphine Yvonne Raymonde

  
 Frank DAELEMANS, Authorized Signatory  
 Janssen-Cilag

PATENT