

## PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT5239144

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
OLGA LABOVITIADI	10/24/2017
WOUTER FRANK TONNIS	10/24/2017
FRANCESCO DORO	10/24/2017
JANIK ADRIAANSEN	10/24/2017
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	JANSSEN VACCINES & PREVENTION B.V.
<b>Street Address:</b>	ARCHIMEDESWEIG 4
<b>City:</b>	LEIDEN
<b>State/Country:</b>	NETHERLANDS
<b>Postal Code:</b>	2333 CN
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	16191659
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(215)965-1331
<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>	(215) 965-1330
<b>Email:</b>	ahyppolite@panitchlaw.com
<b>Correspondent Name:</b>	PANITCH SCHWARZE BELISARIO & NADEL LLP
<b>Address Line 1:</b>	TWO COMMERCE SQUARE
<b>Address Line 2:</b>	2001 MARKET STREET, SUITE 2800
<b>Address Line 4:</b>	PHILADELPHIA, PENNSYLVANIA 19103
<b>ATTORNEY DOCKET NUMBER:</b>	688097-156U1
<b>NAME OF SUBMITTER:</b>	AMBER HYPOLITE
<b>SIGNATURE:</b>	/AH/
<b>DATE SIGNED:</b>	11/15/2018
<b>Total Attachments: 5</b>	
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source=Executed Assignment - inventors to JVP (01168709xC4DAF)#page5.tif

**ASSIGNMENT**

In consideration of One U.S. Dollar (\$ 1.00), and other good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned (hereinafter each called "Assignor"),

LABOVITIADI, Olga, Archimedesweg 4-6, 2333 CN Leiden, the Netherlands  
TONNIS, Wouter, Frank, Archimedesweg 4-6, 2333 CN Leiden, the Netherlands  
DORO, Francesco, Archimedesweg 4-6, 2333 CN Leiden, the Netherlands  
ADRIAANSEN, Janik, Archimedesweg 4-6, 2333 CN Leiden, the Netherlands

hereby sells, assigns and transfers all rights accruing from the following patent applications (hereinafter called "Patent Applications"):

International Patent Application Serial No.: PCT/EP2017/077123  
Filed: 24 October 2017  
As Attorney Docket No.: 0281 WO 00 ORD / CRU5206WOPCT  
Title: ExPEC glycoconjugate vaccine formulations

US Patent Application Serial No.: 15/792,242  
Filed: 24 October 2017  
As Attorney Docket No.: 0281 US 00 ORD / CRU5206USNP  
Title: ExPEC glycoconjugate vaccine formulations

and all priority rights accruing from the following patent application:

Application number: EP 16 195 256.9                      Filing date: 24 October 2016

which priority rights were claimed in the Patent Applications

to JANSSEN VACCINES & PREVENTION B.V., a corporation organized and existing under the law of the Netherlands, having a place of business at Archimedesweg 4, 2333 CN Leiden, the Netherlands (hereinafter called the "Assignee"), its successors, assigns and legal representatives, who accepts.

"ALL RIGHTS ACCRUING FROM THE PATENT APPLICATIONS" include, *inter alia*, any and all inventions disclosed in the Patent Applications, and any and all improvements of these inventions, and all priority rights of the Patent Applications, in as far as these have not yet been assigned, and any and all International, Regional and National Patent Applications (hereinafter called the "Applications") which have been or will be filed in the United States and all foreign countries on any of said inventions and improvements, and any and all letters patent or patents in the United States of America and all foreign

countries which may be granted for and on the Patent Applications and the Applications (hereinafter called the "Patents), and any and all divisions, continuations, and continuations-in-part of the Patent Applications and the Applications, or reissues or extensions of the Patent Applications and the Applications or Patents, and all rights under International Convention for the Protection of Industrial Property, and the full exclusive benefits thereof, and all rights, privileges and advantages appertaining thereto, including any and all rights to damages, profits or recoveries of any nature for past infringement of said Patents, and the payment of any and all maintenance fees, taxes, and the like.

ASSIGNOR hereby covenants that Assignor has full right to convey the entire interest herein being assigned and represents that Assignor has not executed and will not execute any agreement inconsistent with this Assignment or to the detriment of the patents, applications, inventions, and improvements being assigned hereby.

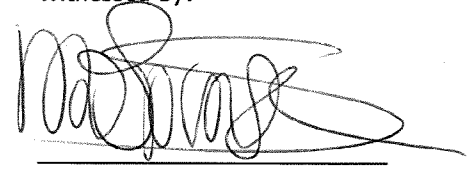
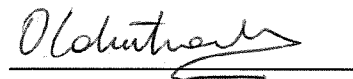
AND for the same consideration, Assignor hereby covenants and agrees to and with Assignee, its successor, legal representatives and assigns, that, at the time of execution and delivery of these presents, Assignor has good and full right and lawful authority to sell and convey all rights accruing from the Patent Applications in the manner herein set forth.

AND for the same consideration, Assignor hereby covenant and agrees to and with Assignee, its successors, legal representatives and assigns, that Assignor will, whenever counsel of Assignee, or the counsel of its successors, legal representatives and assigns, shall advise that any proceedings in connection with said inventions, or that any division, continuation or continuation-in-part of any Patent, to be obtained therein, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of Patent Applications, Applications or Patents for said inventions, without charge to Assignor, its successors, legal representatives and assigns, but at the cost and expense of the Assignee, its successors, legal representatives and assigns.

Date 24 October 2017

Assignor: LABOVITIADI, Olga

Witnessed by:

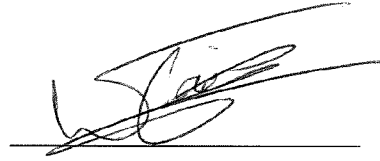
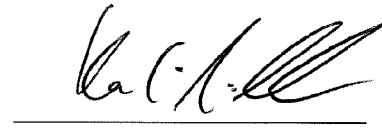


Melanie Custers-van Spronsen

Date 24 October 2017

Assignor: TONNIS, Wouter, Frank

Witnessed by:

  
\_\_\_\_\_  
\_\_\_\_\_ *Katrin Nüllers*

Date 24 October 2017

Assignor: DORO, Francesco

Witnessed by:

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Date 24 October 2017

Assignor: ADRIAANSEN, Janik

Witnessed by:

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\_\_\_\_\_ *Melanie Custers-van Spronsen*

The signatory below accepts the transfer on behalf of Janssen Vaccines & Prevention B.V.

Date 24 October 2017

Assignee:

Witnessed by:

Janssen Vaccines & Prevention B.V.

By: \_\_\_\_\_

Maarten E Santman  
Senior Legal Counsel &  
Corporate Secretary

\_\_\_\_\_ *Melanie Custers-van Spronsen*

0281 / CRU5206

Date 24 October 2017

Assignor: TONNIS, Wouter, Frank

Witnessed by:

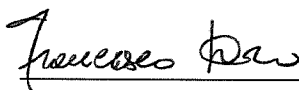
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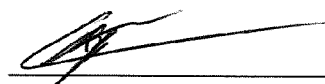
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Date 24 October 2017

Assignor: DORO, Francesco

Witnessed by:

  
\_\_\_\_\_

  
CLAUDIUS BLOKKER

Date 24 October 2017

Assignor: ADRIAANSEN, Janik

Witnessed by:

\_\_\_\_\_

\_\_\_\_\_

Melanie Custers-van Spronsen

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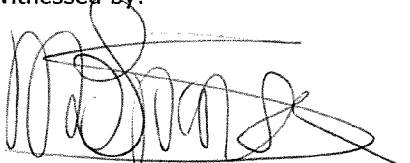
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Date 24 October 2017

Assignor: ADRIAANSEN, Janik

Witnessed by:

  
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