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PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JOHANNES PETRUS MARIE LANGEDIJK	05/29/2017

RECEIVING PARTY DATA

Name:	JANSSEN VACCINES & PREVENTION B.V.	
Street Address:	ARCHIMEDESWEG 4	
City:	LEIDEN	
State/Country:	NETHERLANDS	
Postal Code:	2333 CN	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16305169

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DATE SIGNED:	11/28/2018	

Total Attachments: 2

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> **PATENT REEL: 047606 FRAME: 0845** 505208636

Attorney Doc. No. 688097-559US

Ref. No. 0274 US 00 PCT

0274 WO 00 ORD / CRU5199WOPCT

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"),

LANGEDIJK, Johannes, Petrus, Maria, Archimedesweg 4-6, 2333 CN Leiden, the Netherlands

hereby sells, assigns and transfers all rights accruing from the following international patent application (hereinafter called "International Patent Application"):

International Patent Application Serial No.: PCT/EP2017/062875

Filed: 29 May 2017 and on November 28, 2018 as U.S. Patent Application No. 16/305,169

As Attorney Docket No.: 0274 WO 00 ORD / CRU5199WOPCT

Title: Stabilized pre-fusion RSV F proteins

and all priority rights accruing from the following patent application:

Application number:

EP 16 172 008.1

Filing date:

30 May 2016

which priority rights were claimed in the International Patent Application

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

"ALL RIGHTS ACCRUING FROM THE INTERNATIONAL PATENT APPLICATION" include, inter alia, any and all inventions disclosed in the International Patent Application, and any and all improvements of these inventions, and all priority rights of the International Patent Application, 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 International Application and the Applications (hereinafter called the "Patents), and any and all divisions, continuations, and continuations-in-part of the International Patent Application 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.

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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.

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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 International 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 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 29 May 2017

Assignor: LANGEDIJK, Johannes P.M. Witnessed by:

Melanie Custers-van Spronsen

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

Date 29 May 2017

Assignee:

Janssen Vaccines & Prevention B.V.

By:_

Maarten E Santmar

Senior Lègal-Counsel & Corporate Secretary

Witnessed by:

Melanie Custers-van Spronsen