

## PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT4420483

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
HESTER JEANETTE BOOTSMA	12/08/2009
PIETER JAN BURGHOUT	12/08/2009
PETER WILHELMUS MARIA HERMANS	12/07/2009
JOHANNA JACOBA ELISABETH BIJLSMA	12/22/2009
OSCAR PAUL KUIPERS	12/15/2009
TOMAS GERRIT KLOOSTERMAN	12/15/2009
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	STICHTING KATHOLIEKE UNIVERSITEIT/RADBOUD UNIVERSITY NIJMEGEN MEDICAL CENTRE
<b>Street Address:</b>	GEERT GROOTEPLEIN 10
<b>City:</b>	NIJMEGEN
<b>State/Country:</b>	NETHERLANDS
<b>Postal Code:</b>	6500 HB
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	15354102
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(215)851-1420
<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>	215-851-8100
<b>Email:</b>	phlipdocketing@reedsmith.com
<b>Correspondent Name:</b>	MATTHEW P. FREDERICK, REED SMITH LLP
<b>Address Line 1:</b>	1717 ARCH STREET, THREE LOGAN SQUARE
<b>Address Line 2:</b>	SUITE 3100
<b>Address Line 4:</b>	PHILADELPHIA, PENNSYLVANIA 19103
<b>ATTORNEY DOCKET NUMBER:</b>	09-40251-US-C
<b>NAME OF SUBMITTER:</b>	MATTHEW P. FREDERICK
<b>SIGNATURE:</b>	/Matthew P. Frederick/
<b>DATE SIGNED:</b>	05/18/2017

**Total Attachments: 2**

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P80696 US00

## Assignment

In consideration of One Dollar (\$ 1.00), and other good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned,

Bootsma, Hester Jeanette, Wagendwarsstraat 37 3581 WJ UTRECHT, The Netherlands  
Burghout, Pieter Jan, Spuistraat 58 4811 RX BREDA, The Netherlands  
Hermans, Peter Wilhelmus Maria, Adjutantstraat 23 6852 PG HUISSEN, The Netherlands  
Bijlsma, Johanna Jacoba Elisabeth, Abraham Kuyperlaan 63 9722 PC GRONINGEN, The Netherlands  
Kuipers, Oscar Paul, Lepelaar 95 9728 XG GRONINGEN, The Netherlands  
Kloosterman, Tomas Gerrit, Graaf Adolfstraat 35 9717 EB GRONINGEN, The Netherlands

Hereby sell, assign and transfer to Stichting Katholieke Universiteit, more particularly the Radboud University Nijmegen Medical Centre a corporation of The Netherlands having a place of business at Geert Grooteplein 10 6500 HB NIJMEGEN, The Netherlands its successors, assigns and legal representatives, the entire right, title and interest for the United States and all foreign countries, in and to any and all improvements which are disclosed in the application for United States Letters Patent, for which I filed an application for United States letters Patent on October 9, 2009 which application was accorded application no. 12/593,316 and is entitled

### NEW VIRULENCE FACTORS OF STREPTOCOCCUS PNEUMONIAE

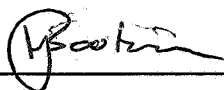
,and in and to said application and all divisional, continuing, substitute, renewal, reissue, and all other applications for Letters patent which have been or shall be filed in the United States and all foreign countries on any of said improvements; and in and to all original and reissued patents which have been or shall be issued in the United States and all foreign countries on said improvements;

Agree that said Assignee may apply for and receive Letters Patent for said improvements in its own name and that, when requested, without charge to but at the expense of said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said improvements; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns, and representatives, all facts known to the undersigned relating to said improvements and the history thereof; and generally do everything possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements and all applications for patent and all patents on said improvements, in said Assignee, its successors, assigns and legal representatives; and

Covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

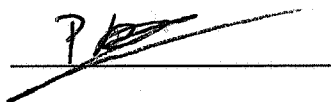
Date 8/12/9

H.J. BOOTSMA



Date 8/12/09

P.J. BURGHOUT



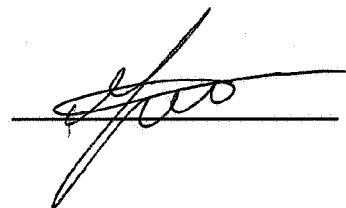
Date 7/12/09

P.W.M. HERMANS



Date 22/12/09

J.J.E. BIJLSMA



Date 15/12/09

O.P. KUIPERS



Date 15/12/09

T.G. KLOOSTERMAN

