PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Ralph Leon Biemans	09/28/2009
Abdelatif Elouahabi	09/28/2009

RECEIVING PARTY DATA

Name:	GlaxoSmithKline Biologicals SA	
Street Address:	Rue de l'Institut 89	
City:	Rixensart	
State/Country:	BELGIUM	
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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13060301

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NAME OF SUBMITTER: Marilyn Saleeby

Total Attachments: 2

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REEL: 025848 FRAME: 0780

PATENT

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Assignment

WHEREAS, I/we, Ralph Leon BIEMANS and Abdelatif ELOUAHABI, both Belgian citizens of Rixensart, Belgium, (hereinafter called "the inventor(s)") has/have invented or discovered VACCINE (hereinafter called "the invention") for which an application for Letters Patent in the United States was filed on 28-Aug-2008 under application number 61/092582, 15-Oct-2008 under application number 61/095747 and 01-Apr-2009 under application number 61/165688 and for which a PCT international application is now being filed designating the United States of America. I/We hereby authorise and request that the filing date and PCT International application number, when known, be inserted here in parentheses:

(PCT/EP2009/060967 filed on 26-Aug-2009)

WHEREAS **GLAXOSMITHKLINE BIOLOGICALS S.A.**, a company incorporated in Belgium, whose registered office is at rue de l'Institut 89, B-1330 Rixensart, Belgium, is desirous of acquiring the whole right, title and interest in and to the invention, and in and to any applications for the invention and any Letters Patent to be obtained therefor, in all countries, including the United States of America, its territories and possessions;

NOW, THEREFORE, to all whom it may concern, be it known that I/we, the inventors, hereby confirm the ownership by **GLAXOSMITHKLINE BIOLOGICALS S.A.** of the invention and the application by operation of law and, if under the law of the United States of America I/we the inventor(s) have any ownership right, title and interest in and to the invention and the application (which I/we do not believe to be the case and claim no ownership right, title or interest in and to the invention and to the application based on the law of Belgium), I/we the inventor(s) nevertheless hereby assign and transfer such ownership right, title and interest in and to the invention and to the application, including the right to claim priority from the application in respect of any subsequent applications, to **GLAXOSMITHKLINE BIOLOGICALS S.A.** in all countries, including the United States of America, its territories and possessions;

PATENT REEL: 025848 FRAME: 0781 AND I/we, the inventors, hereby assign and transfer to GLAXOSMITHKLINE BIOLOGICALS S.A., my/our whole right title and interest in and to the invention and the application, and in and to any divisional application, continuation or continuation-in-part application thereof, and in and to any Supplementary Protection Certificate, extension or re-issue thereof, and I/we the inventor(s) hereby authorise and request any patent arising therefrom, in all countries, including the United States, its territories and possessions, be issued to GLAXOSMITHKLINE BIOLOGICALS S.A..

AND, I/we the inventor(s) for myself/ourselves and my/our respective executors and legal representatives hereby, agree at the request and cost of GLAXOSMITHKLINE.

BIOLOGICALS S.A., to provide information and make, execute and deliver any and all other instruments in writing, and any and all further acts, applications, papers, affidavits, assignments and other documents which may be possible and are necessary or desirable to more effectually secure to and vest in said GLAXOSMITHKLINE BIOLOGICALS S.A., its successors and assigns, the whole right, title and interest in and to the invention hereby assigned and transferred in all countries, including the United States of America, its territories and possessions.

IN WITNESS WHEREOF, and with effect from 28-Aug-2008, I/we the inventors have hereunto set my/our respective hand(s).

Inventor: Raiph Leon BIEMANS

Date

Inventor: Abdelatif ELOUAHABI

28 Systemson, 2009

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RECORDED: 02/23/2011