

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
William Ripley BALLOU	10/03/2008
Emmanuel Jules HANON	10/06/2008
RECEIVING PARTY DATA	
Name:	GlaxoSmithKline Biologicals SA
Street Address:	rue de l'Institut 89
City:	Rixensart
State/Country:	BELGIUM
Postal Code:	B-1330
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12103136
CORRESPONDENCE DATA	
Fax Number:	(610)270-5253
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	610-270-7241
Email:	US_CIPKOP@GSK.com
Correspondent Name:	GlaxoSmithKline
Address Line 1:	709 Swedeland Road
Address Line 2:	CIP UW2220
Address Line 4:	King of Prussia, PENNSYLVANIA 19406
ATTORNEY DOCKET NUMBER:	VB62342
NAME OF SUBMITTER:	Gwynedd Warren
<p>Total Attachments: 4</p> <p>source=Assignment#page1.tif</p> <p>source=Assignment#page2.tif</p>	

CH \$40.00 12103136

500757182

PATENT
REEL: 022123 FRAME: 0518

source=Assignment#page3.tif
source=Assignment#page4.tif

Assignment

WHEREAS, I/we, **William Ripley BALLOU** an American Citizen of c/o **Rixensart, Belgium** and **Emmanuel Jules HANON**, a Belgian citizen, of **Rixensart, Belgium**, invented **VACCINE** (hereinafter called "the invention") for which priority applications **0707697.9; 0711357.4; 0724651.5 and 0712062.9** were filed on **20 April 2007; 12 June 2007; 18 December 2007 and 21 June 2007** in the **United Kingdom and at the European Patent office on 10 October 2007** under **International application number PCT/EP2007/060743** and for which a PCT international application, **PCT/EP2008/054614** was filed on **16 April 2008** designating the United States of America and naming assignors as inventors, and in the United States only applicant/inventor and for which an application under US 35 U.S.C.111 (a) was filed on **15 April 2008** and given the serial number **12/103,136**.

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;

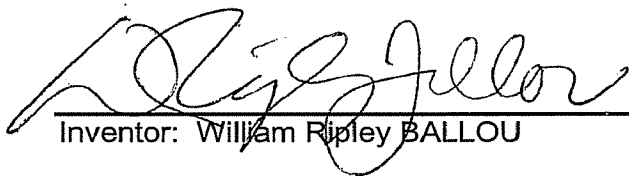
NOW, THEREFORE, to all whom it may concern, be it known that I/we, the inventors, hereby confirm the ownership by **GLAXOSMITHKLINE BIOLOGICALS S.A.** of the invention and the application by operation of law and, if under the law of the United States of America I/we the inventor(s) have any ownership 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;

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 20 April 2007, I/we the inventors have hereunto set my/our respective hand(s).



Inventor: William Ripley BALLOU

30 Oct 2008

Date

Inventor: Emmanuel Jules HANON

Date

Assignment

WHEREAS, I/we, **William Ripley BALLOU** an American Citizen of c/o **Rixensart, Belgium** and **Emmanuel Jules HANON**, a Belgian citizen, of **Rixensart, Belgium**, invented **VACCINE** (hereinafter called "the invention") for which priority applications **0707697.9; 0711357.4; 0724651.5** and **0712062.9** were filed on **20 April 2007; 12 June 2007; 18 December 2007** and **21 June 2007** in the **United Kingdom** and at the **European Patent office** on **10 October 2007** under **International application number PCT/EP2007/060743** and for which a PCT international application, **PCT/EP2008/054614** was filed on **16 April 2008** designating the **United States of America** and naming assignors as inventors, and in the **United States** only applicant/inventor and for which an application under **US 35 U.S.C.111 (a)** was filed on **15 April 2008** and given the serial number **12/103,136**.

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;

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 authorize 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 20 April 2007, I/we the inventors have hereunto set my/our respective hand(s).

Inventor: William Ripley BALLOU

Date



Inventor: Emmanuel Jules HANON

06/10/08
Date