# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3010207

SUBMISSION TYPE:		CORRECTIVE ASSIGNMENT	CORRECTIVE ASSIGNMENT		
NATURE OF CONVEYANCE:		Corrective Assignment to correct the TO CORRECT ASSIGNEE NAME FROM GLAXOSMITHKLINE BIOLOGICALS TO GLAXOSMITHKLINE BIOLOGICALS S.A. previously recorded on Reel 033391 Frame 0603. Assignor(s) hereby confirms the ASSIGNMENT.			
CONVEYING PARTY	/ DATA				
		Name	Execution Date		
RALPH LEON BIEMANS			08/11/2006		
RECEIVING PARTY	DATA				
Name:	GLAXOS	MITHKLINE BIOLOGICALS S.A.			
Street Address:	RUE DE I	I'INSTITUT 89			
City:	RIXENSA	\RT			
State/Country:	BELGIUM	1			
Postal Code:	B-1330				
PROPERTY NUMBE	RS Total: 1				
Property Ty		Number			
Application Number	<b>:</b> 13	3457891			
		3457891			
CORRESPONDENC	E DATA				
CORRESPONDENC Fax Number: <i>Correspondence wi</i>	E DATA (9 Il be sent to ti	3457891 19)483-7977 <b>he e-mail address first; if that is unsuccess</b> <b>if that is unsuccessful, it will be sent via U</b>	sful, it will be sent S Mail.		
CORRESPONDENC Fax Number: <i>Correspondence wi</i>	E DATA (9 Il be sent to ti if provided; i	19)483-7977 <b>he e-mail address first; if that is unsucces</b> :	sful, it will be sent S Mail.		
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CORRESPONDENC Fax Number: <i>Correspondence win using a fax number,</i> Phone: Email: Correspondent Nam	E DATA (9 <i>Il be sent to ti</i> <i>if provided; i</i> 91 us e: Gi	19)483-7977 <b>he e-mail address first; if that is unsuccess</b> <b>if that is unsuccessful, it will be sent via U</b> 94832370 sciprtp@gsk.com LAXOSMITHKLINE	sful, it will be sent S Mail.		
CORRESPONDENC Fax Number: <i>Correspondence wil using a fax number,</i> Phone: Email: Correspondent Nam Address Line 1:	E DATA (9 <i>Il be sent to ti</i> <i>if provided; I</i> 91 us <b>ie:</b> Gi	19)483-7977 <b>he e-mail address first; if that is unsuccess</b> <b>if that is unsuccessful, it will be sent via U</b> 94832370 sciprtp@gsk.com LAXOSMITHKLINE VE MOORE DRIVE	sful, it will be sent S Mail.		
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CORRESPONDENC Fax Number: <i>Correspondence wil using a fax number,</i> Phone: Email: Correspondent Nam Address Line 1: Address Line 2: Address Line 4:	E DATA (9 <i>Il be sent to ti</i> <i>if provided; I</i> 91 us e: Gi FI PC Ri	19)483-7977 <b>he e-mail address first; if that is unsuccess</b> <b>if that is unsuccessful, it will be sent via U</b> 94832370 sciprtp@gsk.com LAXOSMITHKLINE VE MOORE DRIVE D BOX 13398 ESEARCH TRIANGLE PA, NORTH CAROLIN	S Mail.		
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CORRESPONDENCE Fax Number: <i>Correspondence win using a fax number,</i> Phone: Email: Correspondent Nam Address Line 1: Address Line 2: Address Line 2: Address Line 4: ATTORNEY DOCKET NAME OF SUBMITTE SIGNATURE:	E DATA (9 <i>Il be sent to ti if provided; I</i> 91 us e: Gi Fi P( Ri <b>NUMBER:</b>	19)483-7977 he e-mail address first; if that is unsuccess if that is unsuccessful, it will be sent via Us 94832370 sciprtp@gsk.com LAXOSMITHKLINE VE MOORE DRIVE D BOX 13398 ESEARCH TRIANGLE PA, NORTH CAROLIN VB62022C1 US JULIE MCFALLS /Julie McFalls/	S Mail.		
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CORRESPONDENC Fax Number: Correspondence wil using a fax number, Phone: Email: Correspondent Nam Address Line 1: Address Line 2: Address Line 2: Address Line 4: ATTORNEY DOCKET NAME OF SUBMITTE SIGNATURE: DATE SIGNED: Total Attachments: 3	E DATA (9 Il be sent to the if provided; if 91 us e: Gi Fi P( Ri P( Ri Fi P( Ri Fi P( Ri Fi P( Ri Fi P( Ri Fi P( Ri Fi P( Ri Fi P( Ri Fi P( Ri Fi P( Ri Fi P( Ri Fi P( Ri Fi P( Ri Fi P) (9) (9) (9) (9) (9) (9) (9) (9) (9) (9	19)483-7977 he e-mail address first; if that is unsuccess if that is unsuccessful, it will be sent via Us 94832370 sciprtp@gsk.com LAXOSMITHKLINE VE MOORE DRIVE D BOX 13398 ESEARCH TRIANGLE PA, NORTH CAROLIN VB62022C1 US JULIE MCFALLS /Julie McFalls/ 09/05/2014	S Mail.		
CORRESPONDENC Fax Number: <i>Correspondence wil using a fax number,</i> Phone: Email: Correspondent Nam Address Line 1: Address Line 2: Address Line 2: Address Line 4: ATTORNEY DOCKET NAME OF SUBMITTE SIGNATURE: DATE SIGNED:	E DATA (9 Il be sent to the if provided; if 91 us 91 us 91 US 91 SIGNUSSIGN#page	19)483-7977 he e-mail address first; if that is unsuccess if that is unsuccessful, it will be sent via Us 94832370 sciprtp@gsk.com LAXOSMITHKLINE VE MOORE DRIVE D BOX 13398 ESEARCH TRIANGLE PA, NORTH CAROLIN VB62022C1 US JULIE MCFALLS /Julie McFalls/ 09/05/2014 1.tif	S Mail.		

## 502907527 07/25/2014

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT2954124

SUBMISSION TYPE:	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:	ASSIGNMENT		
CONVEYING PARTY DATA			
	Name	Execution Date	
RALPH LEON BIEMANS		08/11/2006	
PIERRE DUVIVIER		09/04/2006	
	······		

### **RECEIVING PARTY DATA**

Name:	GLAXOSIMTHKLINE BIOLOGICALS	
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:	13457891

### CORRESPONDENCE DATA

Fax Number:	9)483-7977	
e	o the e-mail address first; if that is unsuccessful, it will be sent d; if that is unsuccessful, it will be sent via US Mail.	
Phone:	483 2370	
Email:	usciprtp@gsk.com	
Correspondent Name:	GLAXOSMITHKLINE	
Address Line 1:	FIVE MOORE DRIVE, PO BOX 13398	
Address Line 2:	GLOBAL PATENTS, C21112F	
Address Line 4:	RESEARCH TRIANGLE PA, NORTH CAROLINA 27709	
ATTORNEY DOCKET NUMBER	VB62022C1 US	
NAME OF SUBMITTER:	JULIE MCFALLS	
SIGNATURE:	/Julie McFalls/	
DATE SIGNED:	07/25/2014	
Total Attachments: 1 source=VB62022USw_Assignme	nt#page1.tif	

Docket No.: VB62022

#### ASSIGNMENT

WHEREAS I/We, Ralph Leon BIEMANS and Pierre DUVIVIER of Rixensart, Belgium have made an invention entitled:

#### PROCESS FOR MANUFACTURING VACCINES

for which on \_\_\_\_\_\_ I/we executed an application for Letters Patent of the United States of America;

NOW, THEREFORE, in return for valuable consideration paid to me/us by GlaxoSmithKline of rue de l'Institut 89, B-1330 Rixensart, Belgium (hereinafter "ASSIGNEE"), the receipt of which is hereby acknowledged and intending to be legally bound, I/we do hereby assign unto the said ASSIGNEE, its successors and assigns, the entire right, title and interest in and to the said invention, said executed application, any division, continuation and continuation-in-part of said application and reissue applications, and all Letters Patents of the United States of America to be obtained therefor;

I/we hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale;

In addition I/we agree to provide ASSIGNEE upon its request with all pertinent facts and documents relating to said invention, and said Letters Patent as may be known and accessible to me/us, and to testify as to the same in any interference or litigation related thereto, and to execute further instruments (including divisional, continuation, continuation-in-part or reissue applications, affidavits or other instruments) required to apply for, obtain, maintain and enforce said application and said Letters Patent which may be necessary; this agreement to be binding upon my/our heirs, executors and administrators.

Inventor 같 Ralph Leon BIEMANS

Inventol

Pierre DUVIVIER

Date: 11 August

Date: 04 September 2006

PATENT REEL: 033689 FRAME: 0245

**RECORDED: 09/05/2014**