503972416 08/23/2016

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4019072

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
NOVARTIS VACCINES AND DIAGNOSTICS SRL	08/27/2012

RECEIVING PARTY DATA

Name:	NOVARTIS AG
Street Address:	LICHTSTRASSE 35
City:	BASEL
State/Country:	SWITZERLAND
Postal Code:	4056

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14407987

CORRESPONDENCE DATA

Fax Number: (610)270-6812

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.

Phone: 6102706812

Email: us_cipkop@gsk.com

Correspondent Name: GLAXOSMITHKLINE

Address Line 1: 709 SWEDELAND ROAD

Address Line 2: UW2220

Address Line 4: KING OF PRUSSIA, PENNSYLVANIA 19406

ATTORNEY DOCKET NUMBER:	VN55127
NAME OF SUBMITTER:	CARLY MORROW
SIGNATURE:	/Carly Morrow/
DATE SIGNED:	08/23/2016

Total Attachments: 3

source=VN55127 Assignment SRL to AG#page1.tif source=VN55127 Assignment SRL to AG#page2.tif source=VN55127 Assignment SRL to AG#page3.tif

PATENT 503972416 REEL: 039508 FRAME: 0838

ASSIGNMENT OF PATENT APPLICATION

Whereas NOVARTIS VACCINES AND DIAGNOSTICS SRL, a corporation of the country of Italy and having a place of business at Via Fiorentina 1, I-53100, Siena, Italy, ("ASSIGNOR") and Novartis AG, a corporation of the country of Switzerland and having a place of business at Lichtstrasse 35, 4056 Basel, Switzerland, ("ASSIGNEE") have agreed that ASSIGNEE shall acquire from ASSIGNOR the following patents and/or patent applications ("PATENT PROPERTIES"):

Patent No.	Application No.	Filing Date	Issue Date
	61/659,595	June 14, 2012	

Therefore, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, ASSIGNOR, the owner of the entire right, title, and interest in the PATENT PROPERTIES, hereby sells, assigns, transfers and conveys to ASSIGNEE, its designees, successors, assigns and legal representatives, the entire right, title and interest in the PATENT PROPERTIES and all divisions, continuations, reissues and reexaminations thereof, the inventions therein, and all rights to claim priority from the PATENT PROPERTIES and all applications for patent that may be filled for the inventions in any foreign country and all patents that may be granted on the inventions in any foreign country, and all extensions, renewals, and reissues thereof; each and every of the foregoing rights, titles and interests herein assigned shall be held and enjoyed by ASSIGNEE, its successors, assigns and legal representatives, as fully and entirely as the same would have been held and enjoyed by ASSIGNOR had this Assignment not been made. This Assignment is effective as from the earliest priority date as stated above.

PATENT REEL: 039508 FRAME: 0839 IN TESTIMONY WHEREOF, Assignor has caused this Assignment to be duly executed in its name and behalf by affixing its hand and seal thereto by its designated officer, director, or agent, whose name and title appear below.

Executed at Siena, Italy this _____ day of August, 2012.

Novartis Vaccines and Diagnostics SRL

Signature

Name: Stephen John Eves Evans

Title: Attorney-in-Fact

Witness

Witness

ACCEPTANCE OF ASSIGNMENT

With reference to the Assignment to NOVARTIS AG of an invention entitled "VACCINES FOR SEROGROUP X MENINGOCOCCUS" signed by Novartis Vaccines and Diagnostics SRL; this will certify that NOVARTIS AG accepts such Assignment.

	NOVARTIS AG			
Ву:	<u> </u>	_ Nya Est		
Name:	Melodi K. Dice	Nafra Bates		
Function:	Authorized Representative	Authorized Representative		
Date:	19 September 2012			

PATENT REEL: 039508 FRAME: 0841

RECORDED: 08/23/2016