503392827 07/15/2015

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3439452

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
NOVARTIS VACCINES AND DIAGNOSTICS GMBH	06/17/2015

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 3

Property Type	Number	
Application Number:	10487709	
Application Number:	11915877	
Patent Number:	8632505	

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	20110-136630-US
NAME OF SUBMITTER:	JOSEPH E. SHIPLEY
SIGNATURE:	/Joseph E. Shipley/
DATE SIGNED:	07/15/2015

Total Attachments: 2

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> PATENT 327 REEL: 036094 FRAME: 0255

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Confirmatory Deed of Assignment and Consent to Recordal

THIS DEED is made between:

Novartis Vaccines and Diagnostics GmbH, a company organized and existing under the laws of Germany, of Emil-von-Behring-Str. 76, 35041 Marburg, Germany

("the Assignor");

and

Novartis AG, a company duly organized and existing under the Laws of Switzerland, of Lichtstrasse 35, 4056 Basel, Switzerland

("the Assignee");

WHEREAS:

- (a) The Assignor was the proprietor of the patents in Country as set out in the attached schedules marked "Annex A" (the "Patents"); and
- (b) Pursuant to the Patent Assignment Deed dated February 20, 2015, the Assignor has assigned to the Assignee all of its rights, title and interest in and to the Patents.
- (c) The Assignor has agreed to the assignment of the patents listed in Annex A for good and valuable consideration to Assignee.
- (d) The Assignment of the afore-mentioned patents became effective on February 20, 2015.

IT IS AGREED THAT:

For good and valuable consideration, receipt of which is hereby acknowledged by the Assignor, the Assignor hereby confirms that it has assigned, effective on February 20, 2015, all right, title and interest in and to the Patents together with all rights, privileges and advantages thereto, including, without limitation, the right as title owner to take proceedings and recover damages and obtain all other remedies in respect of past infringements thereof, and the right as title owner to claim priority from any patent application therein, to hold unto the Assignee absolutely for the full term of the Patents and the Assignee accepts the said assignment.

IN WITNESS WHEREOF, the Assignor and Assignee have caused this Assignment to be executed by their authorized representatives.

Signed as a Deed in Munich on behalf of the Assignor this 17th day of June 2015 by

Signed as a Deed in Munich on behalf of the Assignee this 17th day of June 2015 by

(Signature)

Katharina Mueller, Proxy-Holder

(Sidnàture)

Tiffany Valeriano, Proxy-Holder

PATENT REEL: 036094 FRAME: 0256

US – UNITED STATES

Annex A

	Case reference	Patent Title	Appl. No.	Grant No.
1	PAT051626-US- PCT	Multiplication of Viruses in a Cell Culture	10/487709	
2	PAT051695-US- PCT	Fermenter System For Biotechnical Processes	11/915877	
1 4	PAT051918-US- PCT	Syringe Accessory Device	11/886557	8632505

PATENT REEL: 036094 FRAME: 0257

RECORDED: 07/15/2015