

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Novartis Vaccines and Diagnostics GmbH	06/26/2012
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:	10487707
CORRESPONDENCE DATA	
Fax Number:	(510)655-3542
Email:	diana-1.castillo@novartis.com
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>	
Correspondent Name:	Novartis Vaccines and Diagnostics, Inc.
Address Line 1:	4560 Horton Street
Address Line 2:	IP Services M/S X-100B
Address Line 4:	Emeryville, CALIFORNIA 94608-2916
ATTORNEY DOCKET NUMBER:	PAT051592-US-PCT
NAME OF SUBMITTER:	Helen Lee
Total Attachments: 3 source=PAT051592-US-PCT ASG GmbH-AG#page1.tif source=PAT051592-US-PCT ASG GmbH-AG#page2.tif source=PAT051592-US-PCT ASG GmbH-AG#page3.tif	

CH \$40.00 10487707

ASSIGNMENT OF PATENT APPLICATION

Whereas Novartis Vaccines and Diagnostics GmbH, a corporation of the country of the Germany, having a place of business at Emil-von-Behring Strasse 76, Marburg, Germany 35041, ("ASSIGNOR") and Novartis AG, a corporation of Switzerland 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"):

<u>Patent No.</u>	<u>Application No.</u>	<u>Filing Date</u>	<u>Issue Date</u>
	10/487,707	September 11, 2002	

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 filed 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.

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 Emeryville, California this 26 day of June, 2012.

Novartis Vaccines and Diagnostics GmbH



Signature

Name: Amy Hessler

Title: Attorney-in-Fact

State of California)
)
County of Alameda)

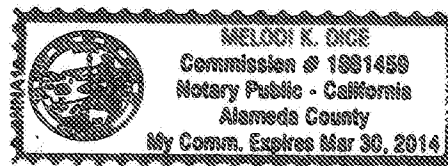
On 26 June 2012 before me, Melodi K. Dice, **Notary Public**, personally appeared **Amy Hessler**, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that she executed the same in her authorized capacity, and that by her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.



Signature of Notary Public



Place Notary Seal Above

ACCEPTANCE OF ASSIGNMENT

WITH REFERENCE TO THE ASSIGNMENT TO NOVARTIS AG OF AN INVENTION ENTITLED
"METHODS FOR PRODUCING AN ACTIVE CONSTITUENT OF A PHARMACEUTICAL OR A
DIAGNOSTIC AGENT IN AN MDCK CELL SUSPENSION CULTURE" SIGNED BY NOVARTIS
VACCINES AND DIAGNOSTICS GMBH; THIS WILL CERTIFY THAT NOVARTIS AG ACCEPTS
SUCH ASSIGNMENT.

NOVARTIS AG

By:

Name :

Lisa Nash

Function :

Authorized Signatories

Date:

09/27/12

Alishia Collins Rowe-Babb

Authorized Signatories