

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT7290548

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
NOVARTIS VACCINES AND DIAGNOSTICS, INC.	10/11/2011
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:	17360320
CORRESPONDENCE DATA	
Fax Number:	
<i>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.</i>	
Email:	us_cipkop@gsk.com
Correspondent Name:	GLAXOSMITHKLINE GLOBAL PATENTS UP4110
Address Line 1:	1250 SOUTH COLLEGEVILLE ROAD
Address Line 4:	COLLEGEVILLE, PENNSYLVANIA 19426
ATTORNEY DOCKET NUMBER:	VN54076D1
NAME OF SUBMITTER:	ABIGAIL HEDLEY
SIGNATURE:	/Abigail Hedley/
DATE SIGNED:	04/21/2022
Total Attachments: 4	
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PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
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EPAS ID: PAT6672894

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
NOVARTIS VACCINES AND DIAGNOSTICS, INC.	10/11/2011
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:	16114621
CORRESPONDENCE DATA	
Fax Number:	
<i>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.</i>	
Email:	US_CIPKOP@GSK.COM
Correspondent Name:	GLAXOSMITHKLINE GLOBAL PATENTS UP4110
Address Line 1:	1250 SOUTH COLLEGEVILLE ROAD
Address Line 4:	COLLEGEVILLE, PENNSYLVANIA 19426
ATTORNEY DOCKET NUMBER:	VN54076C1 US
NAME OF SUBMITTER:	ABIGAIL HEDLEY
SIGNATURE:	/Abigail Hedley/
DATE SIGNED:	04/23/2021
Total Attachments: 3	
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PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT3949044

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
NOVARTIS VACCINES AND DIAGNOSTICS INC	10/11/2011
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:	13878835
CORRESPONDENCE DATA	
Fax Number:	(610)270-6812
<i>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.</i>	
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:	VN54076
NAME OF SUBMITTER:	CARLY MORROW
SIGNATURE:	/Carly Morrow/
DATE SIGNED:	07/06/2016
Total Attachments: 2	
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ASSIGNMENT OF PATENT APPLICATION

Whereas Novartis Vaccines and Diagnostics Inc., a corporation of the country of the United States of America, having a place of business at 4560 Horton Street, Emeryville, California, 94608 USA, ("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>
	61/391,960	October 11, 2010	

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. This Assignment is effective as from the earliest priority date as stated above.

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 Cambridge, Massachusetts this 11th day of October 2011.

Novartis Vaccines and Diagnostics, Inc.

Regina Bautista
Signature

Name: Regina Bautista

Title: Attorney-In-Fact

State of Massachusetts)
)
County of Middlesex)

On this 11 day of October, 2011, before me personally appeared Regina Bautista, to me known to be the person (or persons) described in and who executed the foregoing instrument, and acknowledged that she executed the same as her free act and deed.

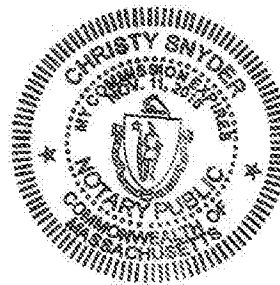
Notary Public

Print Name: Christy Snyder

My commission expires:

November 11, 2016

Christy Snyder
Signature of Notary Public



Place Notary Seal Above