PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5945249

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
F. HOFFMANN-LA ROCHE AG	12/14/2016

RECEIVING PARTY DATA

Name:	HOFFMANN-LA ROCHE INC.
Street Address:	GREAT NOTCH, 150 CLOVE ROAD
Internal Address:	8TH FLOOR
City:	LITTLE FALLS
State/Country:	NEW JERSEY
Postal Code:	07424

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15399122

CORRESPONDENCE DATA

Fax Number: (650)952-9881

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: (650) 467-4795
Email: joanlm@gene.com
Correspondent Name: GREGORY M. ZINKL

Address Line 1: 1 DNA WAY

Address Line 4: SOUTH SAN FRANCISCO, CALIFORNIA 94080-4990

ATTORNEY DOCKET NUMBER:	P33335-US
NAME OF SUBMITTER:	GREGORY M. ZINKL
SIGNATURE:	/Gregory M. Zinkl/
DATE SIGNED:	02/04/2020

Total Attachments: 3

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PATENT 505898548 REEL: 051713 FRAME: 0556

TO BE NOTARIZED

ASSIGNMENT AGREEMENT

F. Hoffmann-La Roche AG ("ASSIGNOR") a corporation duly organized under the laws of Switzerland and having its principal place of business at Grenzacherstrasse 124, CH-4070 Basel, Switzerland

acknowledges the previous transfer to

Hoffmann-La Roche Inc. ("ASSIGNEE") a corporation of the State of New Jersey, United States of America, having its principal place of business at Overlook at Great Notch, 150 Clove Road, 8th Floor, Suite 8 – Legal Department, Little Falls, New Jersey 07424, United States of America

for good and valuable consideration paid to ASSIGNOR by ASSIGNEE, the receipt and sufficiency of which is hereby acknowledged, of all right, title, and interest in, to, and deriving from the invention(s) disclosed in the patent application(s) set forth below for the territory of the United States of America and its possessions by operation of law, contract, or otherwise, and any Letters Patent which may hereafter be granted on the same in the United States including any application claiming priority under 35 U.S.C. §119(e), divisions, renewals, continuations in whole or in part, substitutions, conversions, reissues, reexaminations, prolongations or extensions thereof.

As far as the right, title, and interest of ASSIGNOR in, to, and deriving from the invention(s) disclosed in the patent application(s) set forth below may not have been transferred, for good and valuable consideration paid to ASSIGNOR by ASSIGNEE, the receipt and sufficiency of which is hereby acknowledged, ASSIGNOR hereby assigns, sells and transfers to ASSIGNEE, and to ASSIGNEE'S successors and assigns, for the territory of the United States of America and its possessions all of ASSIGNOR'S right, title and interest in, to, and deriving from the invention(s) described in the patent application(s) listed below, including any divisions, renewals, continuations in whole or in part, substitutions, conversions, reissues, reexaminations, prolongations or extensions thereof, or other U.S. patent applications claiming the benefit of the filling date of the following patent application(s):

Case No. P33335-EP Country Europe Filing Date 8 January 2016 Serial No. 16150506.0

entitled

METHODS OF TREATING CEA-POSITIVE CANCERS USING PD-1 AXIS BINDING ANTAGONISTS AND ANTI-CEA/ANTI-CD3 BISPECIFIC ANTIBODIES

ASSIGNEE, by virtue of this Assignment, shall have the right to file and own patent applications that claim priority to and are based in whole or in part on the patent application(s) cited above with the United States Patent and Trademark Office and to own Letters Patents that issue thereon. Accordingly, ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any United States Letters Patent which may issue for such patent applications, including any divisions, renewals, continuations in whole or in part, substitutions, conversions, reissues, reexaminations, prolongations or extensions thereof, to ASSIGNEE, its successors and assigns.

ASSIGNOR does hereby covenant and agree with ASSIGNEE, its successors and assigns, that ASSIGNOR will not execute any writing or do any act conflicting with this assignment, and ASSIGNOR further agrees that he will, without charge to said ASSIGNEE, but at ASSIGNEE'S expense, cooperate with ASSIGNEE in the prosecution of said Letters Patent and/or applications, execute, verify, acknowledge and deliver all such further papers, including applications for Letters Patent and for the

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TO BE NOTARIZED

reissue thereof, and instruments of assignment and transfer thereof, and will perform such other acts as ASSIGNEE lawfully may request, to obtain or maintain Letters Patent for said invention and improvement in any and all countries, and to vest title thereto in said ASSIGNEE, or ASSIGNEE'S successors and assigns.

This agreement shall be governed and construed in accordance with substantive laws of Switzerland, with the exclusion of the Vienna Convention on the International Sale of Goods dated April 11, 1980. The competent courts of Basel City, Switzerland shall have exclusive jurisdiction.

ASSIGNOR

F. Hoffmann-La Roche AG

Basel, Switzerland, December 14, 2016

Place, Date

Thomas Winkler

Holder of procuration

Funda İskender

Mandatory

ASSIGNEE

Hoffmann-La Roche Inc.

1K

SSF CA US/4

Place, Daté

2,2017

Irene Pleasure

On Behalf of Hoffmann-La Roche Inc.

Legalization

The undersigned Notary Public of the Canton of Basel-Stadt (Switzerland), Dr. Christoph Nertz, herewith legalizes the foregoing signature of

F. Hoffmann-La Roche AG, a stock company with legal domicile in Basel (Switzerland), rendered by

Mister Dr. Thomas Winkler, German citizen, residing in Riehen (Switzerland), and

Miss Funda Iskender, citizen of Pratteln (Switzerland), residing in Basel (Switzerland),

both duly entitled also to sign documents wherein property of the company is alienated.

All Signers and signatures personally known.

CHRISTOPH

DA

B a s e I (Switzerland), this 21st (twenty-first) day of December 2016 (two thousand and sixteen).

M. CM

BR 1710/2016

PATENT REEL: 051713 FRAME: 0558

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

A notary public or other officer completing this cert document to which this certificate is attached, and no	ificate verifies only the identity of the individual who signed the ot the truthfulness, accuracy, or validity of that document.
State of California County of SAN MATEO)
On MARCH $22,2017$ before me, $\underline{S4}$	ISHMA SANGANERIA BRADY, NOTARY
Date	Here inşert Narrie and Tille of the Officer
personally appeared	CENE PLEASURE
	Name(s) of Signer(s)
subscribed to the within instrument and acknow	ry evidence to be the person(s) whose name(s) is/are whedged to me that he/she/they executed the same in his/her/their signature(s) on the instrument the person(s), acted, executed the instrument.
SUSHMA SANGANERIA-BRADY	I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.
Commission # 2098920	
A CARLOTT Notary Public . California "S	WITNESS my hand and official seal.
Notary Public - California San Mateo County	WITNESS my hand and official seal.
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RECORDED: 02/04/2020