505745001 10/28/2019

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JAN BERKA	10/15/2019
SRI PALADUGU	10/15/2019

RECEIVING PARTY DATA

Name:	ROCHE SEQUENCING SOLUTIONS, INC.	
Street Address:	4300 HACIENDA DRIVE	
City:	PLEASANTON	
State/Country:	CALIFORNIA	
Postal Code:	94588	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16201689

CORRESPONDENCE DATA

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Address Line 2: PATENTS

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ATTORNEY DOCKET NUMBER:	32508-US2
NAME OF SUBMITTER:	OLGA KAY
SIGNATURE:	/Olga Kay/
DATE SIGNED:	10/28/2019

Total Attachments: 3

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PATENT 505745001 REEL: 050846 FRAME: 0848

ASSIGNMENT AGREEMENT

I/We, the undersigned

Jan Berka, a citizen of the Czech Republic while employed by Roche Sequencing Solutions, Inc. c/o Roche Sequencing Solutions, Inc., 4300 Hacienda Drive, Pleasanton, California 94588; USA

Sri Paladugu, a citizen of India while employed by Roche Sequencing Solutions, Inc. c/o Roche Sequencing Solutions, Inc., 4300 Hacienda Drive, Pleasanton, California 94588; USA

hereinafter ASSIGNOR(S), herewith declare that I am/we are the sole inventor(s)

of the invention entitled:

Identification of Antigen Epitopes and Immune Sequences Recognizing the Antigens

for which (a) priority application(s) was (were) filed as outlined below:

Case No.CountryFiling DateSerial No.P32508-US-2United States27 Nov 201816/201689

ASSIGNOR(S) acknowledge(s) the previous transfer to

Roche Sequencing Solutions, Inc. 4300 Hacienda Drive Pleasanton California 94588 United States of America

hereinafter ASSIGNEE, of all right, title, and interest in, to, and deriving from the inventions disclosed in the priority application(s) set forth above by operation of law, contract, or otherwise.

As far as right, title, and interest of the ASSIGNOR(S) in, to, and deriving from the inventions disclosed in the patent application(s) set forth above may not have been transferred to ASSIGNEE, ASSIGNOR(S) herewith assign(s) to ASSIGNEE all right, title, and interest in, to, and deriving from the invention and to the above priority application(s), including the right to claim priority.

ASSIGNEE by virtue of this assignment thereof shall have the exclusive right and is fully entitled to claim priority of the priority application(s) set forth above, to apply for, obtain, and own patents worldwide in its own name and at its own costs that claim priority to and are based in whole or in part on the priority application(s), including any and all divisions, reissues, reexaminations, continuations, continuation-in-part, conversions and extensions thereof for the full term or terms for which the same may be granted, and to maintain any patent granted thereupon and to discontinue any patents or patent applications as it deems appropriate.

ASSIGNEE and ASSIGNOR hereby acknowledge, confirm, and agree that ASSIGNOR has been fully and adequately compensated for all rights granted or assigned to ASSIGNEE hereunder.

PATENT REEL: 050846 FRAME: 0849 Case No. P32508-US-2

This Assignment may be executed in one or more counterparts, each of which when executed and delivered, by facsimile or other electronic transmission, by mail delivery, or by other form of delivery, will be an original and all of which will constitute but one and the same Assignment.

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(S)

Pleasanta, CA Oct 15, 2019

Place/Date

Jan Berka

Pleasanton, CA, USA

Place/Date

10.15.2019

Sri Paladugu

THE REMAINDER OF THIS PAGE INTENTIONALLY BLANK ASSIGNEE COUNTEPART SIGNATURE PAGE FOLLOWS

REEL: 050846 FRAME: 0850

ASSIGNEE COUNTERPART SIGNATURE PAGE

Case No.

Country

Filing Date

Serial No.

P32508-US-2

United States

27 Nov 2018

16/201689

ASSIGNEE

Roche Sequencing Solutions, Inc.

Pleasanton, CA, USA 28-Oct-Z019
Place, Date

Suia Subramániam

Vice President, Intellectual Property

PATENT REEL: 050846 FRAME: 0851

RECORDED: 10/28/2019