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PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
PETRA SIMON	01/10/2018
TANA OMOKOKO	01/10/2018
ANDREA BREITKREUZ	01/10/2018

RECEIVING PARTY DATA

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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15572919

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ATTORNEY DOCKET NUMBER: 28320-8007

> **PATENT** REEL: 050044 FRAME: 0702

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NAME OF SUBMITTER:	KEVIN A. O'CONNOR
SIGNATURE:	/Kevin A. O'Connor/
DATE SIGNED:	08/13/2019

Total Attachments: 2

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PATENT REEL: 050044 FRAME: 0703

ASSIGNMENT

WHEREAS, we, Petra Simon, Tana Omokoko and Andrea Breitkreuz (collectively referred to hereinafter as the "Assignors") have made the invention described in the United States patent application entitled CLAUDIN-18.2-SPECIFIC IMMUNORECEPTORS AND T CELL EPITOPES that has a U.S. Patent Application Serial Number of 15/572,919, which was filed on November 9, 2017 (hereinafter referred to as "the Application") as a National Stage Entry of PCT/EP2016/060337, which was filed on May 9, 2016.

WHEREAS, TRON — Translationale Onkologie an der Universitätsmedizin der Johannes Gutenberg-Universität Mainz gemeinnützige GmbH, a not-for-profit limited liability company, whose office is at Freiligrathstr. 12, Mainz, DE 55131; and BioNTeck Cell & Gene Therapies, a German company, whose office is at An der Goldgrube 12, Mainz, DE 55131; hereinafter collectively called the "Assignees," desire to acquire the entire right, title and interest in and to the invention and to the patent application identified above, and all patents, foreign and domestic, which may be obtained for said invention, as set forth below.

NOW, THEREFORE, in exchange for valuable and legally sufficient consideration, the Assignors have sold, assigned and transferred, and by these presents do sell, assign and transfer to the Assignees, the entire right, title and interest for the United States and elsewhere in and to the invention and the patent application identified above, and any patents that may issue for said invention in the United States and elsewhere; together with the entire right, title and interest in and to said invention and all patent applications, patents, utility models and designs therefore in all countries foreign to the United States, including the full right to claim for any such application all benefits and priority rights under any applicable convention; together with the entire right, title and interest in and to all continuations, divisions, renewals and extensions of any of the patent applications, patents, utility models and designs defined above; to have and to hold for sole and exclusive use and benefit of the Assignees, their successors and assigns, to the full end of the term or terms for all such patents.

The Assignors hereby covenant and agree, for both the Assignors and the Assignors' legal representatives, that Assignors have the full right to convey the interest assigned by this Assignment; and that the Assignors will assist the Assignees in the prosecution of the patent application identified above, in the making and prosecution of any other applications that the Assignees may elect to make covering the invention identified above, in vesting in the Assignees like exclusive title in and to all such other patent applications and patents, in the prosecution of any interference which may arise involving said invention, or any such patent application or patent, and in assisting Assignees in enforcement of any rights arising out of this Assignment; and that the Assignors will execute and deliver to the Assignees any and all additional papers which may be requested by the Assignees to carry out the terms of this Agreement.

The Commissioner of Patents and Trademarks is hereby authorized and requested to issue patents to the Assignees in accordance with the terms of this Assignment.

Serial No.: 15/572,919 Filing Date: November 9, 2017

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Petra Simon Date

Tana Omokoko JO JAN LOAR Date

A. Breitkreuz 10 JAN 2018

Andrea Breitkreuz Date

Serial No.: 15/572,919
Filing Date: November 9, 2017

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RECORDED: 08/13/2019