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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
UGUR SAHIN	02/20/2018

RECEIVING PARTY DATA

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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15550286

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PATENT 505559815 REEL: 049686 FRAME: 0387

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 NAME OF SUBMITTER:
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 SIGNATURE:
 /Sarah A. Kagan/

 DATE SIGNED:
 07/08/2019

Total Attachments: 2

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> PATENT REEL: 049686 FRAME: 0388

CONFIRMATORY ASSIGNMENT

I, Ugur Sahin ("ASSIGNOR"), a citizen of Turkey, with a mailing address at Philipp-von-Zabern-Platz 1, 55116 Mainz, Germany have invented along with Martin Löwer. Arbel D. Tadmor, Sebastian Boegel, Barbara Schrörs, Mathias Vormehr, and Sebastian Kreiter, subject matter disclosed in the following application ("the Application"):

U.S. Application Serial Number 15/550,286 filed on August 10, 2017.

TRON - Translationale Onkologie an der Universitätsmedizin der Johannes Gutenberg-Universität Mainz gGmbH having a place of business at Freiligrathstr. 12, 55131 Mainz. Germany;

BioNTech AG, having a place of business at An der Goldgrube 12, 55131 Mainz, Germany; and

Universitätsmedizin an der Johannes Gutenberg-Universität Mainz having a place of business at Langenbeckstr. 1, 55131 Mainz, Germany,

("THE ASSIGNEES") on behalf of themselves and their successors and assigns, were entitled to my entire right, title, and interest in the Applications and the inventions disclosed therein.

For good and valuable consideration, the receipt of which I hereby acknowledge, I hereby confirm that my entire right, title, and interest in the Application, including the right to claim priority to PCT/EP2015/053021, filed on February 12, 2015, and PCT/EP2016/052684, filed on February 9, 2016, and any patents which may be granted on the same in all countries throughout the world, including any divisions, continuations in whole or in part, reissues, and reexaminations ("The Patents"), were vested in the ASSIGNEE on or before the filing date of priority applications PCT/EP2015/053021 and PCT/EP2016/052684

I further agree, without charge to ASSIGNEES but at ASSIGNEES' expense, to cooperate with ASSIGNEES in the prosecution of The Application, and to execute and deliver any and all papers, documents, affidavits, or other instruments that may be necessary in the prosecution of The Applications, and to assist ASSIGNEES in every way as ASSIGNEES lawfully may request in order to obtain and maintain The Patents in any and all countries.

20-2-1018

Ugur Sahin. kassignor.

signature

Univ.-Prof. Dr. Ugur Sahin Dipl.-Kfm. Michael Föhlings Managing Directors

name of signatory and title on behalf of TRON -Translationale Onkologie an der

Gutenberg-Universität Mainz gGmbH.

assignee

22.02.2018 DATE

signature

Jr. Sierk Parthing CTO, Management Board name of signatory and title on behalf of

BIONTECH AG, assignee

Dec. 17 1578

RECORDED: 07/08/2019

signature

Univ.-Prof. Dr. U. Förstermann Wissenschaftlicher Vorstand

name and title of signatory on behalf of Assignee Universitätsmedizin der Johannes Gutenberg-Universität Mainz, assignee

PATENT REEL: 049686 FRAME: 0390

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