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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
DAVID R. CHENG	10/16/2019
DAVID A. SCOTT	10/15/2019
WINSTON X. YAN	10/15/2019

RECEIVING PARTY DATA

Name:	ARBOR BIOTECHNOLOGIES, INC.	
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City:	CAMBRIDGE	
State/Country:	MASSACHUSETTS	
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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16862261

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NAME OF SUBMITTER:	CHRISTOPHER JAY WILSON	
SIGNATURE:	/Christopher Jay Wilson/	
DATE SIGNED:	01/28/2022	

Total Attachments: 3

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> PATENT REEL: 058814 FRAME: 0809 507101151

Ref. No.: 45138-0010WO3

<u>Assignment</u>

For valuable consideration, the receipt of which we acknowledge, and intending to be bound legally, we <u>DAVID R. CHENG, DAVID A. SCOTT, and WINSTON X. YAN</u>, each individually assign to <u>ARBOR BIOTECHNOLOGIES, INC.</u>, a corporation formed under the laws of <u>Delaware</u> and having a principal place of business at <u>790 Memorial Drive</u>, <u>Suite 1B</u>, <u>Cambridge, MA 02139</u>, and its successors, transferees, and assignees (collectively the "Assignee"), all of our individual and joint right, title, and interest throughout the world in the invention(s) (the "Subject Matter") described in a patent application that names us as inventors, is titled "<u>NOVEL CRISPR-ASSOCIATED SYSTEMS AND COMPONENTS</u>," and was filed in the United States Patent and Trademark Office on <u>May 16, 2019</u>, as International Application No. <u>PCT/US2019/032750</u> (the "Application").

This Assignment assigns, in addition to the Subject Matter of the Application, (a) the Application and all other applications that may be made for, and all patents, utility models, design registrations, and other rights of exclusion and inventors' certificates for, any of the Subject Matter (collectively the "Applications and Granted Rights") in every country or region and under every treaty or convention, (b) the right to claim priority based on and the benefit of the filing date of any of the Applications and Granted Rights under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other applicable treaties or conventions, and (c) the right to pursue, collect, and retain in the Assignee's name or otherwise, damages and any other remedies arising from any past, present, or future infringement of the Subject Matter, the Applications and Granted Rights, and any other rights assigned by this Assignment.

We authorize the Assignee to apply for and pursue protection for any or all of the Subject Matter, the Applications and Granted Rights, and any other rights assigned by this Assignment in all countries, regions, or territories of the world, in our names or in the Assignee's name.

We represent and warrant that we have the right and power to make this Assignment and that we have not made and will not make any other assignment that conflicts with this Assignment.

We will communicate to the Assignee (or, at the request of the Assignee to other parties) all known facts in any form relating to the Subject Matter; will execute and provide all oaths and declarations, statements, testimony, assignments, powers of attorney, applications, and

documents; and will perform all other lawful acts necessary or desirable to secure fully to the Assignee the rights, titles, and interests assigned by this Assignment.

DIR. Cl	Date:	16 Oct 2019
David R. Cheng		
Witnessed by: Signature: Print Name: Out of Sec Headers	Date:	Oot B, 2019
Signature: Christin Filand	Date: _	10/16/19
Print Name: Christine Falascheth		
David A. Scott	Date:	Oct 15, 2019
Witnessed by: Signature:	Date:	16 Oct 2019
Print Name: David R. Chang		
Signature: Church fuluno	Date:	10/16/19
Print Name: Christine Falaschetti		

Ref. No.: 45138-0010WO3

Winston X. Yan	Date: 0cf 15, 2019
Witnessed by:	
Signature: Christine Inland	Date: 10-15-19
Print Name: Christine Idaschetti	
Signature: Sharry Chong	Date: /0-15-19
The Assignee hereby acknowledges and accepts the forego	oing assignment.
Assignee: ARBOR, BIOTECHNOLOGIES, INC.	
Signature: UR CL	Date: 16 0 of 2019
Name: David R. Cheng	
Title: $\mathcal{L}\mathcal{E}o$	