506101213 06/10/2020

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
CHARLES GERSBACH	12/03/2015
DAVID OUSTEROUT	11/05/2015

RECEIVING PARTY DATA

Name:	DUKE UNIVERSITY	
Street Address:	2812 ERWIN ROAD, SUITE 306	
City:	DURHAM	
State/Country:	NORTH CAROLINA	
Postal Code:	27705	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16890232

CORRESPONDENCE DATA

Fax Number: (414)277-0656

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using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

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Correspondent Name: MICHAEL BEST & FRIEDRICH LLP

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ATTORNEY DOCKET NUMBER:	028193-9138-007 (US04)	
NAME OF SUBMITTER:	ISADORA F. BIELSKY	
SIGNATURE:	/Isadora F. Bielsky/	
DATE SIGNED:	06/10/2020	

Total Attachments: 4

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PATENT REEL: 052901 FRAME: 0226

506101213

ASSIGNMENT

Pursuant to our obligation to Duke University (hereinafter referred to as "Assignee"), a North Carolina non-profit institution having its principal place of business at:

2812 Erwin Road, Suite 306 Durham, NC 27705

and for other valuable and sufficient consideration, receipt whereof is hereby acknowledged, we:

Charles Gersbach 3220 Wilderness Road Durham, NC 27712

David Ousterout 185 Montag Circle NE #448 Atlanta, GA 30307

confirm our obligation to and hereby sell, assign and convey, unto Assignee, its successors and assigns, our entire right, title and interest

- (1) in and to inventions described in a patent application titled GENETIC CORRECTION OF MUTATED GENES the specification of which was filed with my authority on April 26, 2013 as International Patent Application No. PCT/US2013/038536 (Atty. File No. 028193-9138-WO00) (hereinafter the "PCT application") which application claims the benefit of United States Provisional Patent Application No. 61/639,227, filed April 27, 2012 (hereinafter the "U.S. provisional patent application");
- (2) in and to the PCT application and the U.S. provisional patent application, in and to all other U.S. patent applications (including PCT national phase, divisional, continuation, continuation-in-part, §111(b) provisional, §111(a), and reissue applications) based upon said inventions or claiming the benefit of the PCT application, or the U.S. provisional patent application, and in and to the patent or patents to be granted thereon, to the full end of the term or terms for which said patent or patents may be granted;
- (3) in and to all patent applications on said invention now or hereafter filed in countries foreign to the United States of America, including foreign applications entering the national phase of the PCT application, and in and to any and all patents granted on said applications to the full end of the terms for which said patents may be granted; and
- (4) under the International Convention in respect to the PCT application and the U.S. provisional patent applications.

PATENT REEL: 052901 FRAME: 0227 We agree that any patent applications of any foreign countries which may be filed shall be filed in the name of Assignee with a claim to priority based on the PCT application and the U.S. provisional patent applications.

We hereby agree that we will, upon demand of Assignee, its successors or assigns, and without further consideration to us, execute any and all papers that may be necessary, or deemed by Assignee, its successors or assigns, to be necessary, to a complete fulfillment of the intent and purposes of this Assignment, it being understood that any expense incident to the execution of such papers shall be paid by Assignee, its successors and assigns, and not by us.

The Commissioner of Patents and Trademarks of the United States is hereby authorized and requested to issue said patent or patents to Assignee.

2 3 15 Date	Charles A. Gersbach
/2 /3 / 15 Witness Date	<u> </u>
	<u>Сна сториел Мессом</u> Witness Printed Name
Date	David Ousterout
Witness Date	
	Witness Printed Name

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- (3) in and to all patent applications on said invention now or hereafter filed in countries foreign to the United States of America, including foreign applications entering the national phase of the PCT application, and in and to any and all patents granted on said applications to the full end of the terms for which said patents may be granted; and
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The Commissioner of Patents and Trademarks of the United States is hereby authorized and requested to issue said patent or patents to Assignee.

Date	Charles A. Gersbach
Witness Date	Witness Signature
	Witness Printed Name
11/5/2015	David Ousterout
Witness Date	Witness Signature

RECORDED: 06/10/2020