PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
NICHOLAS MATTHEW BOULIS	07/30/2020
JONATHAN PATRICK RILEY	07/30/2020

RECEIVING PARTY DATA

Name:	EMORY UNIVERSITY
Street Address:	1599 CLIFTON ROAD
Internal Address:	4TH FLOOR
City:	ATLANTA
State/Country:	GEORGIA
Postal Code:	30322

PROPERTY NUMBERS Total: 2

Property Type	Number
Application Number:	62292157
Application Number:	16075122

CORRESPONDENCE DATA

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Correspondent Name: KLARQUIST SPARKMAN, LLP Address Line 1: ONE WORLD TRADE CENTER Address Line 2: 121 SW SALMON ST., SUITE 1600 Address Line 4: PORTLAND, OREGON 97204

ATTORNEY DOCKET NUMBER: 6975-96414-11 SUSAN ALPERT SIEGEL, PH.D. NAME OF SUBMITTER: SIGNATURE: /Susan Alpert Siegel/ **DATE SIGNED:** 08/06/2020

Total Attachments: 4

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> **PATENT** REEL: 053425 FRAME: 0671 506192382

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> PATENT REEL: 053425 FRAME: 0672

ASSIGNMENT

WHEREAS, we, Nicholas Matthew Boulis, of Atlanta, GA, and Jonathan Patrick Riley, of Williamsville, NY, have invented a certain invention, with others, as described in the patent applications listed in Exhibit A (attached hereto), which applications are collectively referred to as "the patent applications."

WHEREAS, EMORY UNIVERSITY, a Georgia nonprofit corporation having a place of business at 1599 Clifton Road, 4th Floor, Atlanta, Georgia 30322, desires to acquire an interest therein:

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, we, Nicholas Matthew Boulis and Jonathan Patrick Riley, hereby sell, assign, and transfer to EMORY UNIVERSITY, the full and exclusive right, title, and interest in and to said invention, the patent applications, and patent rights throughout the world, including foreign patent priority rights, the right to file and prosecute International Applications under the Patent Cooperation Treaty, and the right to file and prosecute applications under the European Patent Convention; said invention, the patent applications, and letters patent in this or any foreign country, and all corresponding non-provisional applications, divisions, continuations, continuations-in-part, reissues, and extensions thereof, to be held and enjoyed by EMORY UNIVERSITY, for its own use and benefit, and for its successors and assigns to the full end of the term for which letters patent may be granted by the United States or any foreign country, as fully and entirely as the same would have been held by us had this assignment and sale not been made, and covenant that we have full right so to do, and agree that we will communicate to EMORY UNIVERSITY, or its successors and assigns, any facts known to us respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, and reissue applications, make all rightful oaths, and do everything possible to aid EMORY UNIVERSITY, its successors, and assigns to obtain and enforce proper patent protection for said invention in the United States or any foreign country.

We confirm that, at the time the invention was made, we were under an obligation to assign the invention to EMORY UNIVERSITY.

We hereby grant the law firm of Klarquist Sparkman, LLP, the power to insert on this Assignment any further information that may be necessary or desirable in order to comply with all applicable legal requirements, including the rules of the United States Patent and Trademark Office, for submitting and recording this document.

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	ACCEPTED BY:			
EMOR	Y UNIVERSITY			
Ву:	Late Trets	Date:	July 31, 2020	
Name:	Laura Fahey Fritts			
Title:	Chief IP Officer			

EXHIBIT A - LIST OF PATENT APPLICATIONS

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PCT
JSA
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PATENT REEL: 053425 FRAME: 0676