PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SARKIS K. MAZMANIAN	08/20/2021

RECEIVING PARTY DATA

Name:	HERITAGE MEDICAL RESEARCH INSTITUTE	
Street Address:	3115 OCEAN FRONT WALK	
Internal Address:	SUITE 301	
City:	MARINA DEL REY	
State/Country:	CALIFORNIA	
Postal Code:	90292	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16302321

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	CALTE.119NP	
NAME OF SUBMITTER:	ROBERT HILTON	
SIGNATURE:	/Robert Hilton/	
DATE SIGNED:	09/15/2021	

Total Attachments: 2

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> PATENT REEL: 057494 FRAME: 0267

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ASSIGNMENT

WHEREAS, Sarkis K. Mazmanian, residing at Glendale, CA, (individual(s) hereinafter "ASSIGNOR"), invented certain new and useful improvements, technology, inventions, developments, ideas, ornamental design or discoveries related to REGULATE GUT MICROBIOTA TO TREAT NEURODEGENERATIVE DISORDERS (collectively hereinafter referred to as the "Work") for which an application for Letters Patent in the United States has been filed or prepared for filing (identified above) with the United States Patent and Trademark Office (hereinafter the "Application"), and ASSIGNOR desires to assign or confirm assignment of the Work and the Application to the below identified assignee.

AND WHEREAS, **HERITAGE MEDICAL RESEARCH INSTITUTE**, having an address at **3115 Ocean Front Walk**, **Suite 301**, **Marina Del Rey**, **CA 90292** (hereinafter the "ASSIGNEE"), desires to acquire or confirm ownership of the entire right, title, and interest in and to the Application and the Work.

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR hereby acknowledges that ASSIGNOR has sold, assigned, transferred, and set over, and by these presents does hereby sell, assign, transfer, and set over, unto said ASSIGNEE, its successors, legal representatives, and assigns, the entire right, title, and interest throughout the world in and to the Application and the Work, including: all provisional applications relating to the Work and the Application (including but not limited to U.S. Provisional Application No. 62/340,408 filed May 23, 2016; all nonprovisional applications claiming priority to aforementioned provisional, including, all divisions, continuations, continuations-in-part, and reissues thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues, and extensions thereof; all rights of priority under International Conventions and any related Letters Patent which may hereafter be granted or filed in any country or countries foreign to the United States, all extensions, renewals, and reissues thereof; and ASSIGNOR hereby authorizes and requests the Commissioner for Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all related Letters Patent to the ASSIGNEE, its successors, legal representatives, and assigns.

AND ASSIGNOR DOES HEREBY sell, assign, transfer, and convey to ASSIGNEE, its successors, legal representatives, and assigns all claims for damages and all remedies arising out of any violation of the rights assigned hereby that may have accrued prior to the date of assignment to ASSIGNEE, or may accrue hereafter, including, but not limited to, the right to sue for, collect, and retain damages for past infringements of said Letters Patent before or after issuance.

AND ASSIGNOR DOES HEREBY covenant and agree that ASSIGNOR will: communicate to said ASSIGNEE, its successors, legal representatives, and assigns any facts known to ASSIGNOR respecting the Work; testify in any legal proceeding; assist in the preparation of any other provisional or non-provisional applications relating to the Application and the Work or any improvements made thereto; sign/execute all lawful papers; authorize the filing of, execute, and make all rightful oaths and/or declarations in connection with the Application and the Work including any improvements made thereto, any patent applications filed therefrom, and any continuing application filed from any of the aforementioned applications; and generally do everything possible to aid the ASSIGNEE, its successors, legal representatives, and assigns, to obtain and enforce proper patent protection for the Work in all countries.

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Docket Number: CALTE.119NP

Legal Name of inventor: Sarkis K. Mazmanian

Signature: / Date: 8/20/2021

Signature before a Notary is desirable but not required. When signed in presence of a Notary, please attach the appropriate notarial

documentation.

PATENT REEL: 057494 FRAME: 0269

RECORDED: 09/15/2021