

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT6975022

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
HOWARD HUGHES MEDICAL INSTITUTE	10/07/2021
RECEIVING PARTY DATA	
Name:	CALIFORNIA INSTITUTE OF TECHNOLOGY
Street Address:	1200 E. CALIFORNIA BLVD.
City:	PASADENA
State/Country:	CALIFORNIA
Postal Code:	91125
PROPERTY NUMBERS Total: 3	
Property Type	Number
Application Number:	17460120
PCT Number:	US2021048100
Application Number:	63072014
CORRESPONDENCE DATA	
Fax Number:	(858)509-3691
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
Phone:	8587208900
Email:	DMIPDocketing@sheppardmullin.com
Correspondent Name:	SHEPPARD, MULLIN, RICHTER & HAMPTON LLP
Address Line 1:	12275 EL CAMINO REAL
Address Line 2:	SUITE 100
Address Line 4:	SAN DIEGO, CALIFORNIA 92130
ATTORNEY DOCKET NUMBER:	30KJ-302435-P/US/WO
NAME OF SUBMITTER:	Y. PAUL CHANG
SIGNATURE:	/ Y. Paul Chang /
DATE SIGNED:	10/18/2021
Total Attachments: 2	
source=CIT 8514_30KJ-302435-US_Executed Assignment [HHMI to Caltech]#page1.tif	
source=CIT 8514_30KJ-302435-US_Executed Assignment [HHMI to Caltech]#page2.tif	

ASSIGNMENT

WHEREAS, **Howard Hughes Medical Institute**, a Delaware Corporation, having an address at 4000 Jones Bridge Road, Chevy Chase, MD, 20815-6789 (hereinafter "ASSIGNOR"), have rights and interests in certain new and useful improvements, technology, inventions, developments, ideas, ornamental design or discoveries related to **SYNTHETIC MAMMALIAN SIGNALING CIRCUITS FOR ROBUST CELL POPULATION CONTROL** (collectively hereinafter referred to as the "Work") for which patent applications have been filed (identified above) with the United States Patent and Trademark Office (hereinafter the "Application");

AND WHEREAS, **California Institute of Technology**, having an address at 1200 E. California Blvd., Pasadena, CA 91125 (hereinafter the "ASSIGNEE"), desires to acquire the entire right, title, and interest in and to the Application and the Work.

AND WHEREAS the ASSIGNOR has appointed **Michael B. Elowitz** as its agent for the purposes of assigning its right, title, and interest in and to the Application and Work to ASSIGNEE.

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 the Application and the Work, including all provisional applications relating thereto (including but not limited to U.S. Provisional Application No. 63/072,014, filed August 28, 2020), and all non-provisional applications claiming priority thereto, including, all divisions, continuations, continuations-in-part, reissues, and reexaminations thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and 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 of 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, in accordance with the terms of this instrument.

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, and 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 all lawful papers, authorize the filing of and 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.

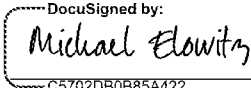
App. No.: 17/460,120
Docket No: 30KJ-302435-US / CIT 8514
Filing Date: August 27, 2021

App. No.: PCT/US2021/048100
Docket No: 30KJ-302435-WO / CIT 8514-PCT
Filing Date: August 27, 2021

Page 2 of 2

ASSIGNOR (Conveying Party)

Howard Hughes Medical Institute, a Delaware Corporation

By: 
C5702DB0B85A422...

Michael B. Elowitz

Agent for Howard Hughes Medical Institute

Date: 10/7/2021