505742741 10/25/2019

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
HOWARD HUGHES MEDICAL INSTITUTE	08/20/2019

RECEIVING PARTY DATA

Name:	CALIFORNIA INSTITUTE OF TECHNOLOGY	
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City:	PASADENA	
State/Country:	CALIFORNIA	
Postal Code:	91125	

PROPERTY NUMBERS Total: 3

Property Type	Number
Application Number:	62725959
Application Number:	16556063
PCT Number:	US2019048914

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	30KJ-300662-P/US/WO	
NAME OF SUBMITTER:	Y. PAUL CHANG	
SIGNATURE:	/ Y. Paul Chang /	
DATE SIGNED:	10/25/2019	

Total Attachments: 2

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PATENT 505742741 REEL: 050833 FRAME: 0819

Application No.: 62/725,959 Docket Number: 30KJ-300662-P / CIT-8312-P Filing Date: August 31, 2018 Page 1 of 2

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 DETECTING ACTIVE RAS THROUGH MEMBRANE TRANSLOCATION AND RECONSTITUTION OF SPLIT TEV PROTEASE (collectively hereinafter referred to as the "Work") for which an application for Letters Patent in the United States have been filed (identified above) with the United States Patent and Trademark Office (hereinafter the "Application");

WHEREAS, California Institute of Technology, a California Corporation, 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, and all nonprovisional 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.

PATENT REEL: 050833 FRAME: 0820

ASSIGNOR (Conveying Party)

Howard Hughes Medical Institute

Ву:

2019.08.20

07:24:39 -05'00'

Michael B. Elowitz

Agent for Howard Hughes Medical Institute

Date:

PATENT REEL: 050833 FRAME: 0821