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PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ALON GRINBAUM	01/23/2018
KEN Y. CHAN	01/23/2018

RECEIVING PARTY DATA

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City:	PASADENA	
State/Country:	CALIFORNIA	
Postal Code:	91125	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15874673

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Address Line 4: LOS ANGELES, CALIFORNIA 90071-3151

ATTORNEY DOCKET NUMBER:	065471-000049US00-CALTECH	
NAME OF SUBMITTER:	CRISTENE AMADOR	
SIGNATURE:	/Cristene Amador/	
DATE SIGNED:	07/30/2018	

Total Attachments: 4

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PATENT REEL: 046499 FRAME: 0663

ASSIGNMENT

WHEREAS, we, Alon Grinbaum and Ken V. Chan (hereinafter referred to as ASSIGNORS), along with Viviana Gradinaru, are joint inventors of an invention entitled "Methods and Devices for Soft and Osseous Tissue Clearing and Fluorescent Imaging", as described and claimed in the specification forming part of an application for United States letters patent filed January 18, 2018, as United States Patent Application No. 15/874,673 and which claims priority to U.S. Provisional Application No. 62/447,781 filed January 18, 2017; and

WHEREAS, California Institute of Technology, a Non-Profit Corporation of the State of California, having a place of business at 1200 East California Blvd., Mail Code 6-32, Pasadena, CA 91125 (hereinafter referred to as ASSIGNEE) is desirous of acquiring our entire right, title and interest in and to the invention and in and to any letters patent that may be granted therefor in the United States and in any and all foreign countries;

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNORS hereby sell, assign and transfer unto said ASSIGNEE, the entire right, title and interest in and to said invention, said application and any and all letters patents which may be granted for said invention in the United States of America and its territorial possessions and in any and all foreign countries, and in any and all divisions, reissues and continuations thereof, including the right to file foreign applications directly in the name of ASSIGNEE and to claim priority rights deriving from said United States application to which said foreign applications are entitled by virtue of international convention, treaty or otherwise, said invention, application and all letters patents on said invention to be held and enjoyed by ASSIGNEE and its successors and assigns for their use and benefit and of their successors and assigns as fully and entirely as the same would have been held and enjoyed by ASSIGNORS had this assignment, transfer and sale not been made. ASSIGNORS hereby authorize and request the Commissioner for Patents and Trademarks to issue all letters patents on said invention to ASSIGNEE. ASSIGNORS agree to execute all instruments and documents required for the making and prosecution of applications for United States and foreign letters patents on said invention, for litigation regarding said letters patents, or for the purpose of protecting title to said invention or letters patents therefor.

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1/23/18 Date	ByAlon Grinbaum
Date	ByKen Y, Chan

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PATENT REEL: 046499 FRAME 0665

ASSIGNMENT

WHEREAS, we, Alon Grinbaum and Ken Y. Chan (hereinafter referred to as ASSIGNORS), along with Viviana Gradinaru, are joint inventors of an invention entitled "Methods and Devices for Soft and Osscous Tissue Clearing and Fluorescent Imaging", as described and claimed in the specification forming part of an application for United States letters patent filed January 18, 2018, as United States Patent Application No. 15/874,673 and which claims priority to U.S. Provisional Application No. 62/447,781 filed January 18, 2017; and

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By
Alon Grinbaum
By Ken Y. Chan

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