

<b>PATENT ASSIGNMENT COVER SHEET</b>
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EPAS ID: PAT4316222

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
VIVIANA GRADINARU	02/25/2017
JENNIFER TREWEEK	02/28/2017
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<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15239724
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<b>NAME OF SUBMITTER:</b>	CRISTENE AMADOR
<b>SIGNATURE:</b>	/Cristene Amador/
<b>DATE SIGNED:</b>	03/13/2017
<b>Total Attachments: 3</b>	
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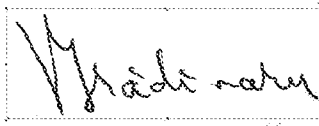
## ASSIGNMENT

WHEREAS, we, **Viviana Gradinaru and Jennifer Treweek** (hereinafter referred to as ASSIGNORS), are joint inventors of an invention entitled "**WHOLE-BODY TISSUE STABILIZATION AND SELECTIVE EXTRACTIONS VIA TISSUE-HYDROGEL HYBRIDS FOR HIGH RESOLUTION INTACT CIRCUIT MAPPING AND PHENOTYPING,**" as described and claimed in the specification forming part of an application for United States letters patent filed **August 17, 2016**, as United States Patent Application No. **15/239,724**, a continuation-in-part of United States Patent Application No. **14/447,607**, filed **July 30, 2014**, which claims the benefit of priority to United States Provisional Patent Application Nos. **61/992,103**, filed **May 12, 2014** and **61/880,401**, filed **September 20, 2013**, and this application further claims the benefit of priority to U.S. Provisional Application No. **62/205,899**, filed on **August 17, 2015**; 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 the ASSIGNORS' 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 patent 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 patent 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 of Patents and Trademarks to issue all letters patent 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 patent on said invention, for litigation regarding said letters patent, or for the purpose of protecting title to said invention or letters patent therefor.



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Date

By \_\_\_\_\_  
Viviana Gradinaru

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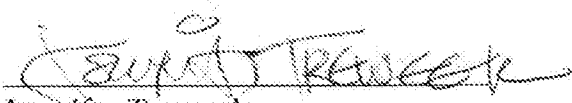
By \_\_\_\_\_  
Jennifer Treweek

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 of Patents and Trademarks to issue all letters patent 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 patent on said invention, for litigation regarding said letters patent, or for the purpose of protecting title to said invention or letters patent therefor.

\_\_\_\_\_  
Date

2/28/17  
\_\_\_\_\_  
Date

By \_\_\_\_\_  
Viviana Gradinaru

By   
\_\_\_\_\_  
Jennifer Treweek