# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5891858

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
YU-CHONG TAI	10/27/2017
ROBERT GRUBBS	11/21/2017

### **RECEIVING PARTY DATA**

Name:	CALIFORNIA INSTITUTE OF TECHNOLOGY
Street Address:	1200 E. CALIFORNIA BLVD.
Internal Address:	MC210-85
City:	PASADENA
State/Country:	CALIFORNIA
Postal Code:	91125

### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	16222918

### **CORRESPONDENCE DATA**

**Fax Number:** (925)472-8895

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.

**Email:** sguevara@kilpatricktownsend.com

Correspondent Name: MARK PHILIP MATHISON

Address Line 1: KILPATRICK TOWNSEND & STOCKTON LLP Address Line 2: 1100 PEACHTREE STREET, SUITE 2800

Address Line 4: ATLANTA, GEORGIA 30309

ATTORNEY DOCKET NUMBER:	091865-1117946-001030US
NAME OF SUBMITTER:	SVETLANA GUEVARA
SIGNATURE:	/Svetlana Guevara/
DATE SIGNED:	01/02/2020

## **Total Attachments: 3**

source=Assignment\_Inventors to CalTech 1020US#page1.tif source=Assignment\_Inventors to CalTech 1020US#page2.tif source=Assignment\_Inventors to CalTech 1020US#page3.tif

PATENT 505844922 REEL: 051404 FRAME: 0868

## ASSIGNMENT

(Patent Application)

We, the undersigned, have invented certain inventions and improvements disclosed in a utility patent applications entitled

"BIOCOMPATIBLE SUBSTRATE FOR FACILITATING INTERCONNECTIONS BETWEEN STEM CELLS AND TARGET TISSUES AND METHODS FOR IMPLANTING SAME."

and which is found in

International Application No. PCT/US2011/043747, filed on July 12, 2011;

- U.S. Application No. 13/181,279, filed on July 12, 2011; and
- U.S. Application No. 14/314,994, filed on June 25, 2014.

For good and valuable consideration, the receipt and sufficiency of which we acknowledge, we:

- 1. Agree to assign, transfer, convey, and sell, hereby assign, transfer, convey, and sell and have assigned, transferred, conveyed, and sold to California Institute of Technology, a corporation of the State of California having a principal place of business at 1200 E. California Blvd., MC210-85, Pasadena, CA 91125 ("Assignee"), the entire right, title, and interest in and to:
  - (a) all intellectual property (including, without limitation, any innovation, information, invention, discovery, product, process, work or design) disclosed, embodied, shown, or claimed in the above-referenced patent application, implicitly or explicitly;
  - (b) the above-referenced patent application, and all applications based in whole or in part upon the above-referenced patent application, including, without limitation, all applications that are a provisional, non-provisional, design, divisional, continuation, continuation-in-part, registration, utility model, industrial design, reissue, renewal, substitute, extension, reexamination, post-grant review, inter partes review, supplemental examination or non-U.S. patent application or application for other rights based in whole or in part on the above-referenced patent application;
  - (c) the right to claim priority to the above-referenced patent application, and any and all applications referenced in subsection (b); and
  - (d) all patents (including, without limitation, all U.S. and non-U.S. patents, registrations, utility models, industrial designs, design patents, counterparts, continuations, continuations-in-part, divisionals, reissues, renewals, substitutes, extensions, reexaminations, post-grant reviews, inter partes reviews and supplemental examinations) that are granted or issued upon, or that claim priority to, any and all applications described in (b) of this paragraph or that disclose or claim intellectual property described in (a) of this paragraph, in whole or in part; and

PATENT REEL: 051404 FRAME: 0869 **ASSIGNMENT** 

Appl. Nos. PCT/US2011/043747; 13/181,279; 14/314,994 Attorney Docket Nos. 091865-1057907-001010PC; 091865-1057908-001010US; 091865-1057912-001020US Page 2 of 2

- (e) all claims for damages by reason of past infringement of any rights under the applications or patents described in (a), (b) or (c) of this paragraph (including provisional rights to reasonable royalties pursuant to 35 U.S.C. §154(d)) and the right to sue for and collect such damages and royalties for Assignee's own use.
- 2. Authorize and request the U.S. Patent and Trademark Office or any other U.S. or non-U.S. agency to issue to the Assignee any and all patent(s), or other rights or documents, resulting from the intellectual property, patent application(s) and patents described in paragraph 1 of this Assignment.
- 3. Agree to sign all papers and documents, including without limitation, applications, declarations, oaths and petitions, and, at the Assignee's expense, perform any other acts that are necessary in connection with prosecution of patent application(s) or intellectual property described in paragraph 1 of this Assignment and the enforcement of patent(s) or other rights resulting from such patent application(s) or intellectual property.
- 4. Agree that the terms, covenants, and conditions of this Assignment shall inure to the benefit of the Assignee, its successors, assigns and other legal representative, and shall be binding upon us, as well as our heirs, legal representatives, and assigns.
- 5. Promise and affirm that we have not entered, and will not enter, into any assignment, contract, or understanding that conflicts with this Assignment.

Signed on the dates indicated beside our signatures.

Signature:		Date:	Oct.27, 2017
	Yu-Chong Tai		
Signature:		Date:	
	Robert Grubbs		

70256395V.1

ASSIGNMENT

Appl. Nos. PCT/US2011/043747; 13/181,279; 14/314,994 Attorney Docket Nos. 091865-1057907-001010PC; 091865-1057908-001010US; 091865-1057912-001020US

Page 2 of 2

- (e) all claims for damages by reason of past infringement of any rights under the applications or patents described in (a), (b) or (c) of this paragraph (including provisional rights to reasonable royalties pursuant to 35 U.S.C. §154(d)) and the right to sue for and collect such damages and royalties for Assignee's own use.
- Authorize and request the U.S. Patent and Trademark Office or any other U.S. or non-U.S.
  agency to issue to the Assignee any and all patent(s), or other rights or documents, resulting
  from the intellectual property, patent application(s) and patents described in paragraph 1 of
  this Assignment.
- 3. Agree to sign all papers and documents, including without limitation, applications, declarations, oaths and petitions, and, at the Assignee's expense, perform any other acts that are necessary in connection with prosecution of patent application(s) or intellectual property described in paragraph 1 of this Assignment and the enforcement of patent(s) or other rights resulting from such patent application(s) or intellectual property.
- 4. Agree that the terms, covenants, and conditions of this Assignment shall inure to the benefit of the Assignee, its successors, assigns and other legal representative, and shall be binding upon us, as well as our heirs, legal representatives, and assigns.
- 5. Promise and affirm that we have not entered, and will not enter, into any assignment, contract, or understanding that conflicts with this Assignment.

Signed on the dates indicated beside our signatures.

Signature:		Date:
	Yu-Chong Tai	
	AN MILL	1/2/2/
Signature:	11111110	Date: NO   21, 2017_
V	Robert Grubbs	

70256395V.1

PATENT REEL: 051404 FRAME: 0871

RECORDED: 01/02/2020