

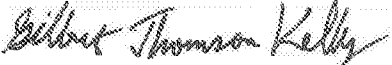
PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4893037

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
SIDDHARTH JHUNJHUNWALA	02/27/2018
RECEIVING PARTY DATA	
Name:	UNIVERSITY OF PITTSBURGH - OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION
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State/Country:	MASSACHUSETTS
Postal Code:	02139-4307
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15674128
CORRESPONDENCE DATA	
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<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>	
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ATTORNEY DOCKET NUMBER:	UPITT-18711
NAME OF SUBMITTER:	ABBY EVERSON
SIGNATURE:	/abby everson/

DATE SIGNED:	03/30/2018
Total Attachments: 2 source=assign1595upittmitgtkoak#page1.tif source=Pitt-Assignment-15674128-Feb2018#page1.tif	

Form PTO-1595		RECORDATION FORM COVER SHEET	U.S. Department of Commerce Patent and Trademark Office
PATENTS ONLY			
To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.			
1. Name of conveying party(ies): Jhunjhunwala, Siddharth	2. Name and address of receiving party(ies): University of Pittsburgh - Of the Commonwealth System of Higher Education Innovation Institute 1ST Floor Gardner Steel Conference Center (GSCC) 130 Thackeray Avenue, Pittsburgh, PA 15260 and Massachusetts Institute of Technology 77 Massachusetts Avenue Cambridge, Massachusetts 02139-4307		
Additional name(s) of conveying party(ies) attached? No	Additional name(s) & address(es) attached? No		
3. Nature of conveyance: ASSIGNMENT Execution Date: 02/27/2018			
4. Title of Inventions: Artificial Cell Constructs for Cellular Manipulation			
A. Patent Application No.(s): 15/674,128	B. Patent No.(s):		
Additional numbers attached?			
5. Name and address of party to whom correspondence concerning document should be mailed: Peter G. Carroll MEDLEN & CARROLL, LLP 1440 Broadway, Suite 1010 Oakland, California 94612	6. Total number of applications and patents involved:		
	7. Total fee(s): Effective January 01, 2014, as an electronic submission, payment in the amount of \$40 (\$40 Recordation fee) is not submitted.		
	8. Deposit Account Authorization: The Commissioner is hereby authorized to charge any additional fees or credit any overpayment to Deposit Account No. 08-1290 .		
DO NOT USE THIS SPACE			
9. Statement and Signature: <i>To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.</i>			
Date: <u>March 30, 2018</u>	Signature: 		
	Name: Gilbert Thomson Kelly		
	Reg. No.: 70,988		

ASSIGNMENT

WHEREAS, We, Steven R. Little and Siddharth Jhunjhunwala, hereinafter referred to as "ASSIGNOR", have invented certain new and useful improvements as described and set forth in the below-identified application for United States Letters Patent:

Title of Invention: Artificial Cell Constructs for Cellular Manipulation
 Filing Date: 8/10/2017 Serial No.: 15/674,128

This Application claims priority to the following:

<i>Application Serial No.</i>	<i>Filing Date</i>	<i>Patented, Pending or Expired</i>
14/333,000	7/16/2014	Patented
13/383,122	1/9/2012	Patented
PCT/US10/41463	7/9/2010	Expired
61/224,571	7/10/2009	Expired

WHEREAS, University of Pittsburgh - Of the Commonwealth System of Higher Education, Innovation Institute 1ST Floor Gardner Steel Conference Center (GSCC), 130 Thackeray Avenue, Pittsburgh, PA 15260, and Massachusetts Institute of Technology, 77 Massachusetts Avenue, Cambridge, Massachusetts 02139-4307, herein after referred to as "ASSIGNEE", is desirous of acquiring the entire right, title and interest in said invention and application and in any Letters Patent which may be granted on the same;


NOW THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for and in consideration of the sum of One Dollar (\$1.00) lawful money paid to ASSIGNOR by ASSIGNEE and other good and valuable consideration, receipt of which is hereby acknowledged, ASSIGNOR has sold, assigned and transferred, and by these presents does sell, assign and transfer unto said ASSIGNEE, and ASSIGNEE's successors and assigns, all right, title and interest in and to said invention, said application for United States Letters Patent, and any Letters Patent which may hereafter be granted on the same in the United States and all countries throughout the world including any divisions, renewals, continuations in whole or in part, substitutions, conversions, reissues, prolongations or extensions thereof, said interest to be held and enjoyed by said ASSIGNEE as fully and exclusively as it would have been held and enjoyed by said ASSIGNOR had this assignment and transfer not been made, to the full end and term of any Letters Patent.

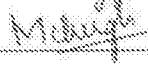
ASSIGNOR further agrees that ASSIGNOR will, without charge to said ASSIGNEE, but at ASSIGNEE's expense, cooperate with ASSIGNEE in the prosecution of said application and/or applications; execute, verify, acknowledge and deliver all such further papers, including applications for Letters Patent and for the release thereof, and instruments of assignment and transfer thereof; and will perform such other acts as ASSIGNEE lawfully may request, to obtain or maintain Letters Patent for said invention and improvement in any and all countries, and to vest title thereto in said ASSIGNEE, or ASSIGNEE's successor and assigns.

IN TESTIMONY WHEREOF, ASSIGNOR has hereto signed ASSIGNOR's names to this assignment on the date indicated below.

 27/06/2018
 Siddharth Jhunjhunwala Date

AS WITNESSED BY:

PRINT NAME: ALAKESH
 SIGN NAME: 
 DATE: 27-02-2018

PRINT NAME: Manjot Kaur Chug
 SIGN NAME: 
 DATE: 27-02-18