

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT3717745

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	PHILIP R. LEDUC	09/20/2014
RECEIVING PARTY DATA		
Name:	CARNEGIE MELLON UNIVERSITY	
Street Address:	5000 FORBES AVENUE	
City:	PITTSBURGH	
State/Country:	PENNSYLVANIA	
Postal Code:	15213	
PROPERTY NUMBERS Total: 1		
	Property Type	Number
	Application Number:	14908414
CORRESPONDENCE DATA		
Fax Number:	(617)502-5002	
<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>		
Phone:	617-248-5000	
Email:	PatentDocket@choate.com	
Correspondent Name:	CHOATE HALL & STEWART LLP-PATENT DOCKET	
Address Line 1:	TWO INTERNATIONAL PLACE	
Address Line 4:	BOSTON, MASSACHUSETTS 02110	
ATTORNEY DOCKET NUMBER:	2008187-0071	
NAME OF SUBMITTER:	JOHN J. CAHILL	
SIGNATURE:	/John J. Cahill/	
DATE SIGNED:	01/29/2016	
Total Attachments: 3		
source=0071_Assignment_CMU#page1.tif		
source=0071_Assignment_CMU#page2.tif		
source=0071_Assignment_CMU#page3.tif		

DEED OF ASSIGNMENT

THIS DEED made the 20 day of September two thousand and fourteen (2014)
BETWEEN,

LEDUC, Philip R.

c/o Carnegie Mellon University
5000 Forbes Avenue Scaife Hall 420, Pittsburgh,
Pennsylvania 15213
United States of America

[hereinafter referred to as "the Assignor"]

AND

Carnegie Mellon University

5000 Forbes Avenue, Pittsburgh,
Pennsylvania 15213
United States of America

[hereinafter referred to as "the Assignee"]

WHEREAS the Assignor warrants that the Assignor is the true Inventor of an invention with the title "**Methods, Apparatuses, and Systems for Cell and Tissue Culture**" [hereinafter referred to as "the Invention"] the subject of International Patent Application No. **PCT/SG2014/000378**, including the designation of the United States of America [hereinafter referred to as "the Application"]

AND WHEREAS the Assignor has agreed to assign to the Assignee and the Assignee desire to take assignment of all rights, title and interest of the Assignor in and to the Invention and the Application.

NOW THIS DEED WITNESSETH

1. In consideration of the sum of one dollar (\$1) and other good and valuable consideration receipt of which is hereby acknowledged by the Assignor, the Assignor hereby assign to the Assignee all of their rights, title and interest in and to the Invention and the Application including:

- (a) all rights and powers to make one or more applications for Letters Patent or other form of protection in the name of the Assignee in Singapore, the United States of

America and in any other country of the world in respect of the invention, and all rights, title and interest in and to any Letters Patent or other form of protection to mature from any such application,

- (b) the rights and powers to prosecute the Application and all rights, title and interest in and to any Patent or Patents granted thereon together with any extension of the term of any such Patent or Patents as may be granted, SAVE THAT nothing in this Deed shall prevent the filing or proceeding of an Application to which this Deed relates, in the name of the Assignor or Inventor where such filing or proceeding of such Application is beneficial to the interests of the Assignee,
- (c) the rights and powers to seek protection in countries other than Singapore by way of Patent, Petty Patent, Utility Model, Design Patent or other appropriate form of protection for the invention, by way of application(s) for such protection made to the appropriate authorities in such other country or countries as the Assignee in its complete discretion may elect, whether or not any such foreign application(s) be made claiming International Convention priority from the Application hereby assigned,
- (d) any Copyright owned by the Assignor in and to any drawings relating to the subject matter of the invention together with the rights and powers such as subsist at the date of this Deed,
- (e) to apply for registration of Copyright, Design, Design-Patent or like protection in the name of the Assignee in Singapore and in any other country of the world in respect of the subject matter of the said drawings and to any registration of Copyright, Design-Patent or like protection which matures from any such application, together with the rights to sue in respect of any infringement of that Copyright which may have occurred before the date of this Deed,

2. The Assignor agrees, at the expense of the Assignee, to sign, execute and deliver all documents, forms and papers reasonably required to be produced or obtained by the Assignee in connection with any application for Letters Patent or other form of protection for the subject matter of the invention, in Singapore or elsewhere.

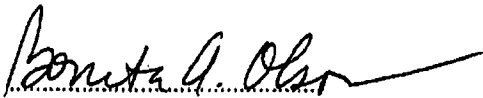
IN WITNESS WHEREOF the Assignor and Assignee executed this Deed the day and year first hereinbefore written.

ASSIGNOR

SIGNED, SEALED and DELIVERED
By the said LEDUC, Phillip R.

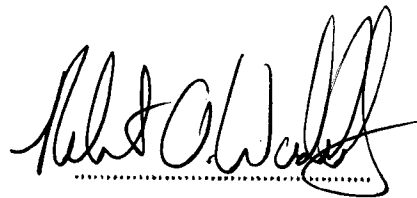
A handwritten signature in dark ink, appearing to read "Phillip R. Leduc", written over a dotted line.

In the presence of:

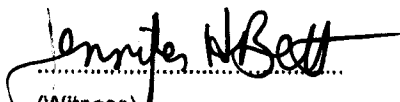
A handwritten signature in dark ink, appearing to read "Bonita G. Olson", written over a dotted line.
(Witness)

ASSIGNEE

FOR AND ON BEHALF OF
By the said
Carnegie Mellon University

A handwritten signature in dark ink, appearing to read "Robert A. Wallace", written over a dotted line.

In the presence of:

A handwritten signature in dark ink, appearing to read "Jennifer H. Bell", written over a dotted line.
(Witness)