504768734 02/08/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4815462

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JASON BISHOP	03/02/2017
STEVEN ROBERTS	03/02/2017

RECEIVING PARTY DATA

Name:	LONZA LTD
Street Address:	LONZASTRASSE
City:	VISP
State/Country:	SWITZERLAND
Postal Code:	3930

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15891432

CORRESPONDENCE DATA

Fax Number: (864)233-7342

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.

Phone: 864-271-1592

Email: usdocketing@dority-manning.com,dbulkeley@dority-manning.com

Correspondent Name: DORITY & MANNING, P.A. Address Line 1: POST OFFICE BOX 1449

Address Line 4: GREENVILLE, SOUTH CAROLINA 29602-1449

ATTORNEY DOCKET NUMBER:	LZA-88 LP2557US00	
NAME OF SUBMITTER:	TIMOTHY A. CASSIDY	
SIGNATURE:	/Timothy A. Cassidy/	
DATE SIGNED:	02/08/2018	

Total Attachments: 2

source=LZA88P_Assignment#page1.tif source=LZA88P_Assignment#page2.tif

> **PATENT REEL: 044864 FRAME: 0330** 504768734

ASSIGNMENT OF WORLDWIDE RIGHTS

WHEREAS, we, JASON BISHOP, residing in Walkersville, Maryland; and STEVEN ROBERTS, residing in Potomac, Maryland, as assignors, have made an invention entitled

"CELL CULTURE SYSTEM AND METHOD"

as described in a patent application for U.S. Letters Patent bearing U.S. Serial No. 62/457,341, which was filed in the U.S. Patent and Trademark Office on February 10, 2017; and

WHEREAS, LONZA LTD, Lonzastrasse, Visp, 3930, Switzerland, as assignee, is desirous of securing the entire right, title and interest in and to this invention in all countries throughout the world, and in and to the application for United States Letters Patent on this invention and the Letters Patent to be issued upon this application;

NOW, THEREFORE, be it known that for good and valuable consideration the receipt of which from assignee is hereby acknowledged, we, as assignors, have assigned, transferred, and set over, and do hereby assign, transfer, and set over unto the assignee, its lawful successors and assigns, our entire right, title, and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof, and all rights to claim priority on the basis of such applications, and all applications for Letters Patent which may hereafter be filed for this invention in any foreign country and all Letters Patent which may be granted on this invention in any foreign country, and all extensions, renewals, and reissues thereof, and all rights to claim priority on the basis of such applications, and we hereby authorize and request the Commissioner for Patents of the United States and any official of any foreign country whose duty it is to issue patents on applications as described above, to issue all Letters Patent for this invention to assignee, its successors and assigns, in accordance with the terms of this Agreement.

Page 1 of 2

AND, WE HEREBY covenant that we have the full right to convey the interest assigned by this Assignment, and we have not executed, and will not execute any agreement in conflict with this Assignment;

AND, WE HEREBY further covenant and agree that we will, without further consideration, communicate with assignee, its successors and assigns, any facts known to us respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title of this invention in said assignee, its successors and assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States and any foreign country, it being understood that any expense incident to the execution of such papers shall be borne by the assignee, its successors and assigns.

IN WITNESS WHEREOF, Assignors have executed this document on the date indicated below.

JASON BISHOP Date

62 May 72/17

Date

62 May 72/17

STEVEN ROBERTS

Date

Page 2 of 2