

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT7509793

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
SHUANG HOU	08/03/2020
CHUN-HAO LUO	08/13/2020
RECEIVING PARTY DATA	
Name:	LIAN LIU
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PROPERTY NUMBERS Total: 5	
Property Type	Number
Patent Number:	10786813
Patent Number:	10688492
Patent Number:	11117132
Application Number:	15930407
Application Number:	15930410
CORRESPONDENCE DATA	
Fax Number:	
<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:	LLIU
NAME OF SUBMITTER:	LINNA CHEN
SIGNATURE:	/Linna Chen/
DATE SIGNED:	08/29/2022
Total Attachments: 3	

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ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged,

Shuang Hou of 31580 Agoura Road, Apt #8, Westlake Village, CA 91361

Chun-Hao Luo of 28222 Agoura Road, Room 218, Agoura Hills, CA 91301

(each, an "Assignor"),

hereby agrees to assign and transfer, and hereby does assign and transfer, to Lian Liu of 4526 Azalia Dr., Tarzana, CA 91356, and its successors, assigns, and legal representatives (herein termed "Assignee"),

his/her entire rights, titles and interests, in the United States of America and in all countries and territories throughout the world, to the inventions and improvements which are subject of the following filed patent application(s):

Application Number	Attorney Docket No.	Title	Application Filing Date
62/694,941	LLIU-0001+	Method and Device for CTC Capture and Characterization	07/06/2018
16/282,583	LLIU-P0001	Methods and Systems for Circulating Tumor Cell Capture	02/22/2019
16/401,875	LLIU-P0001CON	Methods and Systems for Circulating Tumor Cell Capture	03/02/2019
16/224,576	LLIU-P0002	Methods and systems for cell-based non-invasive prenatal testing	12/18/2018
62/694,944	LLIU-P0002+	Non-Invasive Prenatal Test on Single Fetal Cells Isolated from Blood of Pregnant Women	07/06/2018
16/401,936	LLIU-P0002CON	Methods and Systems for Cell-Based Non-Invasive Prenatal Testing	03/02/2019
15/930,407	LLIU-P0002CON2	Methods and Systems for Cell-Based Non-Invasive Prenatal Testing	05/12/2020
15/930,410	LLIU-P0002CON3	Non-Invasive Prenatal Test on Single Fetal Cells Isolated from Blood of Pregnant Woman	05/12/2020

16/282,640	LLIU-P0003	Biocompatible Micropillar Array Substrate and Methods for Fabricating Such Substrate	02/23/2019
62/694,945	LLIU-P0003+	Simple and Eco-Friendly Fabrication of Biocompatible Micropillar Array Substrate (MAS) Using Micro-Imprinting	07/06/2018
16/481,991	LLIU-P0003CON	Biocompatible Micropillar Array Substrate and Methods for Fabricating Such Substrate	05/02/2019

including any and all rights, titles and interests in and to any and all inventions, discoveries and other subject matters described herein, and including any and all patent applications filed or to be filed on said inventions and improvements, in the U.S. and all countries and territories of the world, including any continuation, continuation-in-part, divisional, renewal, revival, substitute, reissue, conversion, non-provisional, provisional, re-examination certificate following *Inter Partes* Review, certificate following Post Grant Review of the inventions and improvements, and any patent which may issue thereon, and reissues of the same, and including all other patent applications claiming priority to or benefit of the foregoing, pursuant to any law or treaty, and including any and all patent issuing from any of the foregoing, and including the rights to claim priority to any of the foregoing, such as the right to claim priority under the International Convention to any of the foregoing, and including any and all causes of action and enforcement rights, including all rights to sue, counterclaim, and recover for any past, present and future infringement of, or liabilities for, all patent(s) utility models, inventors' certificates, petty patents, design patents or similar legal protection to be obtained for the inventors.

Each undersigned Assignor, represents that he/she has not previously conveyed, nor is aware of an obligation to convey, his/her rights in the Application(s) to a third party. Each undersigned Assignor, hereby authorizes the U.S. Patent and Trademark Office, and any other government agency in the world, to issue to Assignee all patent(s) resulting from any of the foregoing and to record Assignee's ownership thereof.

At Assignee's reasonable request, each Assignor, without further remuneration, agrees to execute and deliver documents prepared at Assignee's expense and to provide other cooperation, such as testimony, as may be reasonably required to evidence or protect Assignee's rights in the foregoing. Assignee may assign or transfer all or part of its rights set forth herein in its sole discretion. Each Assignor agrees that the Assignee may affix its signature to this document as well as any other indicia of its acceptance of the provisions hereof. If any provision herein is unenforceable, the requirements of the provision shall remain to the full extent permissible by law and the offending portions thereof shall be deemed replaced, to the extent possible, with a provision most closely reflecting the purpose of the offending provision. Each Assignor hereby appoint(s) the persons associated with Customer Number: 146322 the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document. This Agreement may be executed in two or more counterparts, each of which shall be deemed an original, but all of which together shall constitute one and the same instrument.

This Agreement may be executed in two or more counterparts, each of which shall be deemed an original, but all of which together shall constitute one and the same instrument.

IN WITNESS WHEREOF, executed by the undersigned Assignor on the dates below the undersigned names.

ASSIGNOR

Shuang Hou

Signature: Shuang Hou

Date: 2020.08.03

ASSIGNOR

Chun-Hao Luo

Signature: Chun-Hao Luo

Date: 2020. Aug. 13