PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ZHIFENG REN	06/21/2022
LUO YU	06/21/2022

RECEIVING PARTY DATA

Name:	UNIVERSITY OF HOUSTON SYSTEM		
Street Address:	316 E. CULLEN		
City:	HOUSTON		
State/Country:	TEXAS		
Postal Code:	77204-2015		

PROPERTY NUMBERS Total: 2

Property Type	Number
Application Number:	17118379
PCT Number:	US2021062204

CORRESPONDENCE DATA

Fax Number: (713)228-6605

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.

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Email: houstonpatents@blankrome.com

Correspondent Name: BLANK ROME LLP

Address Line 1: 717 TEXAS AVENUE, SUITE 1400

Address Line 4: HOUSTON, TEXAS 77002

ATTORNEY DOCKET NUMBER:	1766-0004US
NAME OF SUBMITTER:	SEAN MCDERMOTT
SIGNATURE:	/Sean McDermott/
DATE SIGNED:	06/22/2022

Total Attachments: 4

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> PATENT REEL: 060271 FRAME: 0671

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ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, the person(s) named below (referred to as "INVENTOR" whether singular or plural) has sold, assigned, and transferred and does hereby sell, assign, and transfer to **UNIVERSITY OF HOUSTON SYSTEM**, having a place of business at 316 E. Cullen, Houston, Texas 77204-2015 ("ASSIGNEE"), for itself and its successors, transferees, and assignees, the following:

The entire worldwide right, title, and interest in all inventions and improvements ("SUBJECT MATTER") that are disclosed in the applications entitled:

Detoxification Device Having Heated Filter for Killing Pathogens

("APPLICATIONS"), which were filed on:

December 10, 2020, now bearing U.S. Ser. No. 17/118,379; and

December 7, 2021, now bearing International Appl. No. PCT/US2021/062204; and

The entire worldwide right, title, and interest in and to (a) the APPLICATION, including any right of priority; (b) any divisional, continuation, substitute, renewal, reissue, and other related applications thereto which have been or may be filed in the United States or elsewhere in the world; and (c) patents which may be granted on the applications set forth in (a) and (b) above.

INVENTOR agrees that ASSIGNEE may apply for and receive patents for SUBJECT MATTER in ASSIGNEE's own name.

INVENTOR agrees to do the following, when requested, and without further consideration, in order to carry out the intent of this Assignment: (1) execute all oaths, assignments, powers of attorney, applications, and other papers necessary or desirable to fully secure to ASSIGNEE the rights, titles, and interests herein conveyed; (2) communicate to ASSIGNEE all known facts relating to the SUBJECT MATTER: and (3) generally do all lawful acts that ASSIGNEE shall consider desirable for securing, maintaining, and enforcing worldwide patent protection relating to the SUBJECT MATTER and for vesting in ASSIGNEE the rights, titles, and interests herein conveyed. INVENTOR further agrees to provide any successor, assign, or legal representative of ASSIGNEE with the benefits and assistance provided to ASSIGNEE hereunder.

INVENTOR represents that INVENTOR has the rights, titles, and interests to convey as set forth herein, and covenants with ASSIGNEE that the INVENTOR has made or will make hereafter no assignment, grant, mortgage, license, or other agreement affecting the rights, titles, and interests herein conveyed.

This Assignment may be executed in one or more counterparts, each of which shall be deemed an original and all of which may be taken together as one and the same Assignment.

Executed this 21st	_day of June	, 2022.	
		EliforyRen	
		ZHIFENG REN	
Executed this	_day of	, 2022.	
		Luo Yu	

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This Assignment may be executed in one or more counterparts, each of which shall be deemed an original and all of which may be taken together as one and the same Assignment.

Executed this _____ day of _______, 2022.

ZHIFENG REN

Executed this 22nd day of June _____, 2022.

Luo Tu

LuoYu

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