PATENT ASSIGNMENT COVER SHEET

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recorded on Reel 065021 Frame 0735. Assignor(s) hereby confirms the ASSIGNMENT.		ASSIGNMENT DOCUMENT TO BE THE CORRECT ONE previously recorded on Reel 065021 Frame 0735. Assignor(s) hereby confirms the

CONVEYING PARTY DATA

Name	Execution Date
YIHUA (BRUCE) YU	11/05/2019
MARC TARABAN	11/05/2019

RECEIVING PARTY DATA

Name:	UNIVERSITY OF BALTIMORE, MARYLAND
Street Address:	C/O OFFICE OF RESEARCH AND DEVELOPMENT
Internal Address:	620 W. LEXINGTON STREET, 4TH FLOOR
City:	BALTIMORE
State/Country:	MARYLAND
Postal Code:	21201

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	18170114

CORRESPONDENCE DATA

Fax Number:

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ATTORNEY DOCKET NUMBER:	UMB-40544.405
NAME OF SUBMITTER:	TRISTAN A. FUIERER
SIGNATURE:	/tristan a fuierer/
DATE SIGNED:	10/25/2023

Total Attachments: 5

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PATENT REEL: 065346 FRAME: 0062

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Stylesheet Version v1.2 Electronic Version v1.1

SUBMISSION TYPE:	SUBMISSION TYPE: CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the ADD INVENTOR MARC TARABAN previously recorded on Reel 063672 Frame 0796. Assignor(s) hereby confirms the SUBMISSION IS TO CORRECT INADVERTENT ERROS IN THE SUBMISSION DOCUMENT AS PREVIOUSLY RECORDED.

CONVEYING PARTY DATA

Name Execution Date	Execution Date
YIHUA (BRUCE) YU [10/05/2020]	10/05/2020
MARC TARABAN [10/05/2020]	10/05/2020

RECEIVING PARTY DATA

Company Name:	Company Name: UNIVERSITY OF BALTIMORE, MARYLAND
Street Address:	Street Address: 620 W. LEXINGTON STREET, 4TH FLOOR
Internal Address:	Internal Address: C/O OFFICE OF RESEARCH AND DEVELOPMENT
City:	BALTIMORE

PATENT **REEL: 065346 FRAME: 0063** file:///C:/Users/tafuierer/AppData/Roaming/iManage/Work/Recent/UMB_4054.405_ IN SITU DETERMINATION OF ALUM FILLING EVENNESS AN

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PATENT REEL: 065346 FRAME: 0065

UMB Docket No: BY-2019-021 (US)

ASSIGNMENT

In consideration of UMB's agreement to consider Assignors as a "UMB Inventors" who are entitled to revenue distributions under the University System of Maryland Policy on Intellectual Property, and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Yihua (Bruce) Yu and Marc Taraban ("Assignor") hereby convey, assign, and transfer to the University of Maryland, Baltimore, a public university that is part of the University System of Maryland (which is a public corporation and an instrumentality of the State of Maryland) ("UMB"), and having an office c/o Office of Research and Development, 620 W. Lexington Street, 4th floor, Baltimore, MD 21201, their entire right, title, and interest in and to the invention known as "IN SITU DETERMINATION OF ALUM FILING EVENNESS AND SEDIMENTATION IN PHARMACEUTICAL PRODUCTS USING WATER PROTON NMR" (the "Invention"):

check applicable space(s)	[X] for the United States of America (as defined in 35 U.S.C. §100)
	[X_] and throughout the world,

for which application for patent was filed in the United States of America on October 4, 2019 (also known as U.S. Non-Provisional application serial number 16/593,145, claiming benefit of U.S. provisional patent application serial number 62/741,142 filed October 4, 2018), and in any and all non-provisional and/or international or foreign patent applications thereon, continuing patent applications thereon (including without limitation substitutions, divisionals, continuations, and continuations-in-part), patents or Letters Patent issued therefrom, and reissues, extensions, renewals, and reexaminations of such applications or patents.

Such entire right, title, and interest in the Invention are to be held and enjoyed by UMB to the same extent as they would have been held and enjoyed by Assignors had this Assignment not been made, to the full end of the term or terms for which any such patent issue. Assignors hereby represent and warrant that they have full right to convey their right, title, and interest in the Invention herein assigned, and that they have not executed and will not execute any agreement or other document in conflict therewith.

Assignors agree to execute and deliver separate Assignments, patent applications, and other documents necessary or expedient in connection with, and to cooperate with and to assist UMB in connection with: further perfecting the assignment of the Invention to UMB; UMB's preparation, filing, prosecution (including without limitation defense in interference proceedings, reexaminations, or litigation), enforcement, and/or maintenance of the patents and patent applications; or for UMB to protect and commercialize its intellectual property right, title, and interests in the Invention (including without limitation copyright and/or trademarks).

IN WITNESS WHEREOF, executed by Assignors on the date opposite his name.

	ASSIGNOR:	on the state of th
11/05/2019	Ger Bruce	Z (SEAL)
Date	Yihua (Bruce) Yu	
	Address:	Water Name of the Control of the Con
	5319 Ambrosia Drive	
	Ellicott City, MD 21043	
t.		
STATE OF Maryland CITY/COUNTY OF Managemery	,	
I HEREBY CERTIFY, that on this 54 day of MOXY Word person whose name is subscribed to the within instrumexecuted the same as for the purposes contained therein.	hua (Bruce) Yu, known to me (or sa	tisfactorily proven) to be the
IN WITNESS WHEREOF, I have hereunto set m	y hand and official seal the day and yea	r last above-mentioned.

{00074590-2}

UMB Docket No: BY-2019-021 (US)		
My Commission Expires: February 26,2027	<u>.</u>	
	ASSIGNOR:	
11/05/2019	ManTardon	(SEAL)
Date	Marc Taraban Address: 10605 Prairie Landing Terrace North Potomac, MD 20878	
STATE OF Manland CITY/COUNTY OF Montgomery	·	
I HEREBY CERTIFY, that on this day of personally appeared Ma whose name is subscribed to the within instrument, and a same as for the purposes contained therein.	of November, 20 19, before me are Taraban, known to me (or satisfactor acknowledged that, being authorized to de	e, Notary Public of the State ily proven) to be the person o so, he or she executed the
IN WITNESS WHEREOF, I have hereunto set m	ny hand and official seal the day and year l	ast above-mentioned.
· *	Lta llarela	[SEAL]
My Commission Expires: February 26, 202	22	

(00074590-2)

RECORDED: 10/25/2023

PATENT REEL: 065346 FRAME: 0067