PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JOHN ROBERT EISENBREY	04/26/2021

RECEIVING PARTY DATA

Name:	THOMAS JEFFERSON UNIVERSITY
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City:	PHILADELPHIA
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PROPERTY NUMBERS Total: 2

Property Type	Number
Application Number:	16817898
Application Number:	62817886

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	205961-7023US1(00166)
NAME OF SUBMITTER:	BRIAN R. LANDRY
SIGNATURE:	/Brian R. Landry/
DATE SIGNED:	07/13/2021

Total Attachments: 3

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PATENT 506762482 REEL: 056835 FRAME: 0353

TJU Ref.: EIS_JOH.005

Drexel Ref.: 18-2145 Saul Ref.: 205961-7023US1(00166)

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<u>ASSIGNMENT</u>

WHEREAS, I, John Robert Eisenbrey, a citizen of the United States of America, having a mailing address of 4 Winding Way, Wayne, PA 19087; hereinafter generally referred to as "ASSIGNOR," have invented a certain new and useful

METHOD OF FREEZE DRYING SURFACTANT-STABILIZED MICROBUBBLES

for which I have filed U.S. Patent Application No. 16/817,898, filed March 13, 2020, which claims priority to U.S. Provisional Patent Application No. 62/817,886, filed on March 13, 2019.

WHEREAS, Thomas Jefferson University, with a principal place of business at Innovation Pillar, 901 Walnut Street, 11th Floor, Philadelphia, Pennsylvania 19107, hereinafter generally referred to as "ASSIGNEE", is desirous of acquiring said invention and said patent application.

NOW, THEREFORE, in consideration of the sum of One Dollar and other good and valuable executed consideration, the full receipt and sufficiency of all of which are hereby acknowledged and intending to be legally bound hereby, I, the undersigned ASSIGNOR, hereby agree to sell, assign, transfer and convey and by these presents do sell, assign, transfer and convey unto the above-named ASSIGNEE, the whole and entire right, title and interest

in and to said invention as described in the above patent application, for the territory of the United States and its possessions and territories and all foreign countries;

in and to the above patent application and any and all related United States and foreign patent applications disclosing said invention, including provisionals, non-provisionals, divisions and continuations thereof, all PCT and national phase applications, along with all rights of priority created by said patent application under any treaty relating thereto, including the right to claim priority to said patent application, *e.g.*, under the International Convention for the Protection of Industrial Property and the European Patent Convention; and

in and to all United States and foreign patents which may be granted on any and all of said patent applications, including extensions, reissues and reexamination certificates thereof;

said invention, application(s) and patent(s) to be held and enjoyed by the above-named ASSIGNEE, for ASSIGNEE's own use and benefit, and for ASSIGNEE's legal representatives and assigns to the full end of the term or terms for which said patent(s) may be granted, as fully and entirely as the same would have been held by the undersigned ASSIGNOR had this assignment and sale not been

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made; and for the aforesaid consideration ASSIGNOR hereby covenants, agrees and undertakes to execute, whenever requested by the above-named ASSIGNEE, all patent applications, assignments, lawful oaths and any other papers which ASSIGNEE may deem necessary or desirable for securing to ASSIGNEE or for maintaining for ASSIGNEE all the patent(s) hereby assigned or agreed to be assigned; all without further compensation to the undersigned ASSIGNOR

AND ASSIGNOR acknowledges an obligation of assignment of this invention to ASSIGNEE at the time the invention was made.

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This assignment is accepted on behalf of Thomas Jefferson University by:

May 12, 2021

Date

TREE W

Name: Rose Ritts

Title: EVP, Chief Innovation Officer

On behalf of Thomas Jefferson University