

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
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EPAS ID: PAT5809324

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	DAVID STAACK	10/16/2019
	XIN TANG	08/06/2019
RECEIVING PARTY DATA		
Name:	THE TEXAS A&M UNIVERSITY SYSTEM	
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City:	COLLEGE STATION	
State/Country:	TEXAS	
Postal Code:	77843-3369	
PROPERTY NUMBERS Total: 1		
	Property Type	Number
	Application Number:	16515885
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DATE SIGNED:	11/07/2019	
Total Attachments: 4		
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ASSIGNMENT

THIS ASSIGNMENT, by David Staack and Xin Tang (hereinafter Assignors);

WHEREAS, Assignors have invented certain new and useful improvements in **EFFICIENT MECHANICAL GENERATION OF CAVITATION IN LIQUIDS**, set forth in a Patent application for Letters Patent of the United States, already filed on July 18, 2019 as U.S. Application No. 16/515,885; and

WHEREAS, The Texas A&M University System, of 3369 TAMU, College Station, Texas 77843-3369 (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to the inventions and the Application for Letters Patent of the United States, and in and to any Letters Patent of the United States to be obtained therefor and thereon.

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is acknowledged, Assignors have sold, assigned, transferred and set over, and do sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions and application for Letters Patent, and in and to any and all direct and indirect divisions, continuations and continuations-in-part of the application, and any and all Letters Patent in the United States and all foreign countries which may be granted therefor and thereon, and reissues, reexaminations and extensions of said Letters Patent, and all rights under the International Convention for the Protection of Industrial Property, same to be held and enjoyed by Assignee, for its own use and benefit and the use and benefit of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent may be granted and/or extended, as fully and entirely as the same would have been held and enjoyed by Assignors, had this sale and assignment not been made.

AND for the same consideration, Assignors represent and warrant to Assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignee under law or that

have already been transferred to Assignee, Assignors are the sole and lawful owners of the entire right, title and interest in and to the inventions and application for Letters Patent above-mentioned, and that same are unencumbered and that Assignors have good and full right and lawful authority to sell and convey same in the manner set forth in this Assignment.

AND for the same consideration, Assignors covenant and agree to and with Assignee, its successors, legal representatives and assigns, that Assignors will sign all papers and documents, take all lawful oaths and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent and applications for Letters Patent for said inventions, without charge to Assignee, its successors, legal representatives and assigns, whenever counsel of Assignee, or counsel of its successors, legal representatives and assigns, does advise: that any proceeding in connection with the inventions, or Patent application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for the inventions in any country, including but not limited to interference proceedings, is lawful and desirable; or, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.

AND Assignors request the Commissioner of Patent and Trademarks to issue Letters Patent of the United States to Assignee, as Assignee of inventions and the Letters Patent to be issued thereon, for the sole use and benefit of Assignee, its successors, legal representatives and assigns.

AND Assignors hereby grant the following individuals the power to insert on this Assignment any further identification that 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:

WINSTEAD PC

All practitioners at Customer Number 61060

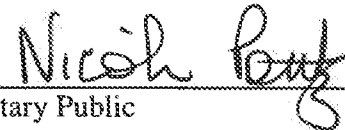
AND Assignors acknowledge an obligation of assignment of this invention to Assignee at the time the invention was made.

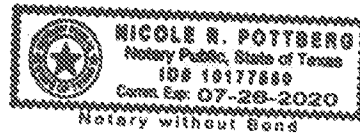

David Staack

Date: October 16, 2019

United States of America)
State of Texas) ss.:
County of Parazas)

On this 16th day of October, 2019, before me
personally came David Staack, to me known to be the individual
described in and who executed the foregoing instrument, and acknowledged execution
of the same.


Notary Public

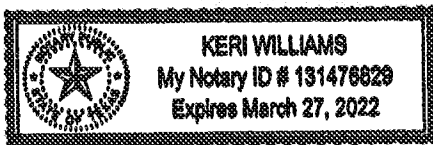


Xin Tang
Xin Tang

Date: 8/6/2019

United States of America)
State of Idaho) ss.:
County of Boyer)

On this 6th day of August, 2019, before me
personally came Xin Tang, to me known to be the individual
described in and who executed the foregoing instrument, and acknowledged execution
of the same.



Keri Williams
Notary Public