PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date	
BRYAN A. CHIN	11/12/2020	
ZHONGYANG CHENG	12/14/2020	
PENGYU CHEN	11/30/2020	
SONGTAO DU	12/18/2020	

RECEIVING PARTY DATA

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PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	17025409	

CORRESPONDENCE DATA

Fax Number:

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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ATTORNEY DOCKET NUMBER:	55879-324416		
NAME OF SUBMITTER:	PHILLIP T. SCALETTA		
SIGNATURE:	/PHILLIP T. SCALETTA/		
DATE SIGNED:	02/09/2021		

Total Attachments: 5

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PATENT REEL: 055200 FRAME: 0753 Attorney Docket No.: Client Reference No.:

55879-314658 AU 2019-051-02

ASSIGNMENT

	In consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned,				
Name(s)	Bryan A. CHIN				
of Inventor(s)	Zhongyang CHENG				
	Songtao DU				
	Pengyu CHEN				
Check applicable boxes and enter serial number and date if available	maker(s) of an invention which is the subject of a United States Application identified as Serial No. 17/025,409 with a filing date of 9/18/2020 and/or PCT International Application Serial No. with a filing date of entitled				
Title of Application hereinafter (the "Application(s)")	THREE-DIMENSIONAL FLUID FILTER USING MAGNETOSTRICTIVE SENSORS				
	the undersigned hereby sell(s), assign(s), and set(s) over to				
Name of Assignee	AUBURN UNIVERSITY				
Address of	Office of Technology Transfer, 570 Devall Drive, Suite 102				
principal place of business	Auburn, Alabama 36832				
Insert State of Incorporation (if applicable) or "Not Applicable"	a corporation of <u>Alabama</u>				

(hereinafter designated as the Assignee) their entire right, title, and interest in, to, and under the Application, including all priority rights for other countries arising therefrom, all inventions therein disclosed, and any and all Letters Patent of the United States and of all other countries, including Canada, which may be granted for such inventions, or any of them, all such inventions and all rights in such Application and Letters Patent to be held and enjoyed by Assignee for its own use and enjoyment to the full end of the term or terms for which such Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by them had this assignment and sale not been made.

The undersigned agree(s) to execute all papers necessary in connection with the application(s) in the United States and foreign countries and any continuing, divisional, or reissue applications thereof, and any reexamination of any of such applications, and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared or litigation concerning the application(s) or continuation, division, reissue, or reexamination thereof, and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference or litigation.

The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

ASSIGNMENT TO BUSINESS CONCERN

The undersigned agree(s) to do all other acts which, in the opinion of Assignee, may be necessary or desirable to secure the grant of Letters Patent to Assignee or its nominees, in the United States and in all other countries where Assignee may desire to have such inventions, or any of them, patented, with specifications and claims in such form as shall be approved by Assignee and to vest and confirm in Assignee or its nominees the full and complete legal and equitable title to all such Letters Patent.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patent of the United States resulting from said application(s) or any division or divisions or continuing or reissue applications thereof, and any reexamination of any of such applications, to the said Assignee, as Assignee of the entire interest, and hereby covenants that the undersigned has full right to convey the interest herein assigned, and that the undersigned has not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the attorney of record 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.

IN WITNESS WE	HEREOF, I have executed this assignment at	Huburn, HL	, U.S.A.
his	day of November	, 2020 .	
Outside the USA:	·	Byon a.	a
Witnesses are required when acknowledgment	Witness	Inventor (Signature)	
before a Notary .		Bryan A. CHIN	Troping and the second
Public is not feasible.	Witness	Inventor (Printed Na	ame)
	ACKNOV	VLEDGMENT	
STATE OF PA	abema} ss:		
COUNTY OF	Lee } ss:		
Acknowl	edged before me, a Notary Public, within and	d for said County and State. Witness r	ny hand and Notarial Seal
this 12th	day of November	, <u>2020</u> .	¥
		Notary Public	Schwicke
		MISTY W S	CHWIEKER Public ate at Large
	My Commission Expires August 26, 2024	Printed Name	
My Commission E	Expires:	Resident of Lee	County

IN WITNESS WI	HEREOF, I have executed this as	signment at	burn, al	, U.S.A.
4his 14th	day of December		.	
Outside the USA: Witnesses are required when	Witness		Inventor (Signature)	
acknowledgment before a Notary Public is not	Witness		ang CHENG Inventor (Printed Na	ama)
feasible.	W IIIIC22		Inventor (Frinted Na	allic)
STATE OF C	labama} Lee }	ACKNOWLEDGMENT		MISTY W SCHWIEKER Notary Public Alabama State at Large
_	edged before me, a Notary Publi	, <u>2020 </u>	Vista a	ny hand and Notarial Seal Schwiehe
My Commission E	My Commission August 26, 2		histy W.	Schwieller Countycounty

this	lay of Novembr	, 2020	
Outside the USA: _ Witnesses are required when acknowledgment before a Notary _	Witness	Inventor (Signat	
Public is not feasible.	Witness	Inventor (Printed	d Name)
STATE OF Q	iabomois	ACKNOWLEDGMENT	MISTY W SCHWIEKER Notary Public Alabama State at Large
COUNTY OF	taborna; Lee ; ss:	4	
Acknowled this 30 th		c, within and for said County and State. Witne	ess my hand and Notarial Seal
		Notary Public	chelohey
		Printed Name	Schwicker
My Commission Ex	My Commission Expi epires: August 26, 2024	Resident of LC	County

PATENT REEL: 055200 FRAME: 0757

his/ \rac{7}{2}	_ day of	Decemb	ev.	9	2020			
Outside the USA	: <u>Zhen</u> Witne	jiang.	wang_			Sung las Inventor (Signatu		
Outside the USA Witnesses are required when acknowledgment before a Notary Public is not feasible.	Fanc Witne	Zha	ing.		Songtao		,	
				IOWLEDG	MENT			
STATE OF		}						
COUNTY OF		}	SS:					
	vledged before m	ne, a Notary l	Public, within	and for said	i County	and State. Witnes	ss my hand and N	Notarial Seal
this	_				 ·			
					Notary I	Public		
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My Commission	Expires:				Residen	t of		County
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