507374503 07/08/2022

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 EPAS ID: PAT7421427 Stylesheet Version v1.2

SUBMISSION TYPE: NEW ASSIGNMENT NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ZHEMING TONG	07/01/2022
JIAGE XIN	07/01/2022
SHUIGUANG TONG	07/01/2022

RECEIVING PARTY DATA

Name:	ZHEJIANG UNIVERSITY		
Street Address:	Address: 866# YUHANGTANG ROAD, XIHU DISTRICT		
City:	HANGZHOU, ZHEJIANG		
State/Country:	CHINA		
Postal Code:	310058		

PROPERTY NUMBERS Total: 1

Property Type	Number		
Application Number:	17859244		

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.

(972) 370-7997 Phone:

Email: charles_ho@barron-young.com

Correspondent Name: BYIP LTD.

Address Line 1: 5465 LEGACY DRIVE, SUITE 650

Address Line 4: PLANO, TEXAS 75024

ATTORNEY DOCKET NUMBER: ZZDSB-22002-USPT NAME OF SUBMITTER: CHARLES HO SIGNATURE: /Charles Ho/ **DATE SIGNED:** 07/08/2022

Total Attachments: 3

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> **PATENT REEL: 060457 FRAME: 0496**

507374503

ASSIGNMENT	- Patent Appl	ication	Docket Number: ZZDS	B-22002-USPT
Whereas, the Assignor, comprising the following named inventors:				
ASSIGNOR(s)/ INVENTOR(s) Zheming Tong; Jiage Xin; and Shuiguang Tong INVENTOR(s)				
made an invention entitled:	made an invention entitled: HYDRAULIC TURBINE CAVITATION ACOUSTIC SIGNAL IDENTIFICATION METHOD BASED ON BIG DATA MACHINE LEARNING			
for which an application for (Select one of the following):	Letters Patent of th	e United States:		
is executed cond	urrently herewith			
was filed in the L	I.S. Patent and Trad	emark Office or		'
as U.S. Patent A	pplication Serial No.	*		
	Zhejiang Univers	ity		777
ASSIGNEE (Full Name, Address and	866# Yuhangtang	Road, Xihu Di	strict, Hangzhou, Zhejiai	ng 310058
Country)	China			
is desirous of acquiring our	entire right, title and	t interest in and	to said invention and the L	etters Patent to be.
Now, therefore, in consideration of the payment by Assignee to Assignor of a sum corresponding to One Dollar (\$1.00), and for other good and valuable consideration, the receipt of which is hereby acknowledged, Assignor, intending to be legally bound, hereby sells, assigns and transfers to Assignee, its successors and assigns, the full and exclusive right, title and interest in and to said invention, all applications for Letters Patent for said invention, including all divisions, continuations, and continuations-in-part thereof, all rights to claim priority based thereon, and all Letters Patent, including reissues, to be obtained therefor, including any and all foreign patent rights in this invention corresponding thereto.				
Assignor hereby warrants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this Assignment.				
Assignor agrees it shall be legally bound, upon request of the Assignee or its successors or assigns or a legal representative thereof, to supply all information and evidence of which the Assignor has knowledge or possession, relating to the making and practice of said invention, to testify in any legal proceeding relating thereto, to execute all instruments proper to patent the invention in the United States of America and foreign countries in the name of the Assignee, and to execute all instruments proper to carry out the intent of this instrument.				
In witness whereof, this Assignment is executed on the day indicated below.				
Typed o	r Printed Name	Sign	ature	Date
SIGNATURE Zhei	ming Tong	X 2honing To	mg	× 202.71
She * Witness b	**************************************	X Sherry 1 * Witness to A	He	

PATENT REEL: 060457 FRAME: 0497

ASSIGNMENT - Patent Application Docket Number: ZZDSB-22002-USPT				
Whereas, the Assignor, comprising the following named inventors:				
ASSIGNOR(s)/ INVENTOR(s)				
made an invention entitled: HYDRAULIC TURBINE CAVITATION ACOUSTIC SIGNAL IDENTIFICATION METHOD BASED ON BIG DATA MACHINE LEARNING				
for which an appl (Select one of the I	ication for Letters Patent of the following):	United State	3 :	
is exec	suted concurrently herewith			
was fil	ed in the U.S. Patent and Trad	emark Office o	87	
as U.S	. Patent Application Serial No.	***************************************		
	Zhejiang Universi	ity		
ASSIGNEE (Full Name, Add	ress and 866# Yuhangtang	Road, Xihu I)istrict, Hangzhou, Zh	ejlang 310058
Country) China				
is desirous of ac	equiring our entire right, title and	d interest in an	d to said invention and t	the Letters Patent to be
Now, therefore, in consideration of the payment by Assignee to Assignor of a sum corresponding to One Dollar (\$1.00), and for other good and valuable consideration, the receipt of which is hereby acknowledged, Assignor, intending to be legally bound, hereby sells, assigns and transfers to Assignee, its successors and assigns, the full and exclusive right, title and interest in and to said invention, all applications for Letters Patent for said invention, including all divisions, continuations, and continuations-in-part thereof, all rights to claim priority based thereon, and all Letters Patent, including reissues, to be obtained therefor, including any and all foreign patent rights in this invention corresponding thereto.				
Assignor hereby warrants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this Assignment.				
possession, re thereto, to exe	or agrees it shall be legally bou ntative thereof, to supply all info lating to the making and practic cute all instruments proper to po a name of the Assignee, and to	ormation and e e of said inven Stent the inven	vidence of which the Ass tion, to testify in any legs tion in the United States	aignor has knowledge or all proceeding relating
In witness whereof, this Assignment is executed on the day indicated below.				
	en e			
	Typed or Printed Name		Signature	Date
SIGNATURE	Jiage Xin	× Ji	oge Xin	× >032.7.1
	Sherry He * Witness to assigner	× Che	age Xiln my ble	

PATENT REEL: 060457 FRAME: 0498

ASSIGNN	MENT -	Patent Applic	ation	Docket Number: 72	7DSB-22002.1ISDT
Whereas, the Assignor, comprising the following named inventors:					
ASSIGNOR(s)/ INVENTOR(s) Zheming Tong; Jiage Xin; and Shuiguang Tong					
made an invention	made an invention entitled: HYDRAULIC TURBINE CAVITATION ACQUSTIC SIGNAL IDENTIFICATION METHOD BASED ON BIG DATA MACHINE LEARNING				
for which an appli (Select one of the fi	cation for to	Letters Patent of the I	United States	5	
1		irrently herewith	:		
1 1 1		S. Patent and Trader	nark Office o	B	
}		plication Serial No.:			,
2000000		Zhejiang University	1		
ASSIGNEE (Full Name, Addr	ess and	866# Yuhangtang F	Road, Xihu D	istrict, Hangzhou, Z	hejlang 310058
Country)		China			
is desirous of aco	quiring our r,	entire right, title and I	interest in an	I to said invention an	d the Letters Patent to be
Now, therefore, in consideration of the payment by Assignee to Assignor of a sum corresponding to One Dollar (\$1.00), and for other good and valuable consideration, the receipt of which is hereby acknowledged. Assignor, intending to be legally bound, hereby sells, assigns and transfers to Assignee, its successors and assigns, the full and exclusive right, title and interest in and to said invention, all applications for Letters Patent for said invention, including all divisions, continuations, and continuations-in-part thereof, all including any and all foreign patent rights in this invention corresponding thereto.					
Assignor hereby warrants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this Assignment.					
Assignor agrees it shall be legally bound, upon request of the Assignee or its successors or assigns or a legal representative thereof, to supply all information and evidence of which the Assignor has knowledge or possession, relating to the making and practice of said invention, to testify in any legal proceeding relating thereto, to execute all instruments proper to patent the invention in the United States of America and foreign countries in the name of the Assignee, and to execute all instruments proper to carry out the intent of this					
In witness whereof, this Assignment is executed on the day indicated below.					
	Typed o	r Printed Name	8	ignature	Date
SIGNATURE	Shui	Juang Tong	× Shuigu	ang Tong	× 7.1
	Sheri * Witness i	Y_He ¤Assignor	X Shur * Witness	ng Ke Lahssignar	***************************************

PATENT REEL: 060457 FRAME: 0499

{ZZDS8-22002-USPT/01525319v1} RECORDED: 07/08/2022