PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT7185807

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MIN CHEN	02/08/2022
NING CHEN	02/08/2022
BODONG LI	02/08/2022
DONGBO ZHANG	02/08/2022
XIAOQING WANG	02/08/2022
XINNAN SUN	02/08/2022
ZHAOPEI LIANG	02/08/2022

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17673768

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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Correspondent Name: BYIP LTD.

Address Line 1: 5700 GRANITE PARKWAY, SUITE 200

Address Line 4: PLANO, TEXAS 75024

ATTORNEY DOCKET NUMBER:	ZZZHCH-22001-USPT
NAME OF SUBMITTER:	CHARLES HO
SIGNATURE:	/Charles Ho/
DATE SIGNED:	02/20/2022

PATENT REEL: 059054 FRAME: 0768

507138965

Total Attachments: 7 source=Executed Assignment#page1.tif source=Executed Assignment#page2.tif source=Executed Assignment#page3.tif source=Executed Assignment#page4.tif source=Executed Assignment#page5.tif source=Executed Assignment#page6.tif source=Executed Assignment#page7.tif

ASSIGN	MENT	- Patent App	lication	Docket Number: ZZZHC	CH-22001-USPT		
Whereas, the As:	Whereas, the Assignor, comprising the following named inventors:						
ASSIGNOR(s)/ INVENTOR(s) Min Chen; Ning Chen; Bodong Li; Dongbo Zhang; Xiaoqing Wang; Xinnan Sun; and Zhaopei Liang							
made an inventio	n entitled:	Bidirectional Cl	LC Circuit wit	h Coupled Inductor			
for which an appl (Select one of the t	ication for following):	Letters Palent of th	ne United States	3%			
x is exec	uted conc	urrently herewith					
was file	ed in the U	.S. Patent and Tra	demark Office o	n	·		
as U.S	. Patent A	oplication Serial No).:				
		Zhejiang Univers	sity				
ASSIGNEE (Full Name, Addr	hae see	866 Yuhangtang	Road, Xihu Di	strict, Hangzhou, Zhejiar	ng 310058		
Country)	C3S BING	China					
Is desirous of acquiring our entire right, title and interest in and to said invention and the Letters Patent to be obtained therefor, 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.							
		errants that no assi would conflict with		greement or encumbrance nt.	has been or will be		
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 witnes	s whereof,	this Assignment is	executed on th	e day indicated below.			
¢**	Typed o	r Printed Name	······································	gnature	Date		
SIGNATURE	M	in Chen	× Min	then	×February 8, wi		

ASSIGNN	VENT -	- Patent Appli	cation	1	Docket Num	ber: ZZZHCH-2200	1-USPT
Whereas, the Ass	ignor, con	prising the following	named	inven	ors:		
ASSIGNOR(s)/ INVENTOR(s) Min Chen; Ning Chen; Bodong Li; Dongbo Zhang; Xiaoqing Wang; Xinnan Sun; and Zhaopei Liang							
made an inventior	entitled:	Bidirectional CLL	C Circu	it with	Coupled In	ductor	
for which an appli (Select one of the fo		Letters Patent of the	United	States	•		
x is execu	uted conci	urrently herewith					
was file	d in the U	.S. Patent and Trade	mark O	ffice o	n	t	
as U.S.	Patent A	oplication Serial No.:	***************************************				
		Zhejiang Universi	ty				
ASSIGNEE (Full Name, Addr	ess and	866 Yuhangtang F	₹oad, X	ihu Di	strict, Hangz	hou, Zhejlang 3100	158
Country)		China					
is desirous of according obtained therefor		entire right, title and	interes	t in an	to said inve	ntion and the Letters	Patent to be
One Dollar (\$1.00 acknowledged, A successors and a for Letters Patent rights to claim pri	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.						
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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 witnes	s whereo	f, this Assignment is	execute	d on t	ne day indical	ted below.	
	Typed	or Printed Name		S	ignature		Date
SIGNATURE	pr						

ASSIGN	ASSIGNMENT - Patent Application Docket Number: ZZZHCH-22001-USPT							
Whereas, the As	signor, con	nprising the follow	ng named inv	entors:				
ASSIGNOR(s)/ INVENTOR(s) Min Chen; Ning Chen; Bodong LI; Dongbo Zhang; Xiaoqing Wang; Xinnan Sun; and Zhaopei Liang								
made an inventio	on entitled:	Bidirectional C	LLC Circuit v	vith Coupled Induc	tor			
for which an app (Select one of the	lication for following):	Letters Patent of t	he United Sta	tes:				
x is exec	cuted conc	urrently herewith						
was fil	ed in the U	.S. Patent and Tra	idemark Offic	e on				
as U.S	. Patent A	pplication Serial N	o.:					
		Zhejiang Univer	sity					
ASSIGNEE (Full Name, Add	ress and	866 Yuhangtan	g Road, Xihu	District, Hangzhou	ı, Zhejiang 310058			
Country)		China						
is desirous of ac obtained therefo		entire right, title a	nd interest in	and to said invention	and the Letters Patent to be			
One Dollar (\$1.0 acknowledged, / successors and for Letters Pater rights to claim pr	0), and for Assignor, ir assigns, th it for said in fority base	other good and va etending to be lega e full and exclusive etion, including thereon, and all	aluable considuable considually bound, he e right, title are all divisions, Letters Paten	eration, the receipt reby sells, assigns and interest in and to continuations, and o	and transfers to Assignee, its said invention, all applications continuations-in-part thereof, all , to be obtained therefor,			
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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.								
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<u> </u>	Typed c	or Printed Name		Signature	Date			
SIGNATURE	В	odong Li	Х	Boolony Li	× February 8,200			

ASSIGN	IMENT	- Patent App	ication	Docket Number: ZZZ	:HCH-22001-USPT		
	Whereas, the Assignor, comprising the following named inventors:						
ASSIGNOR(s)/ INVENTOR(s) Min Chen; Ning Chen; Bodong Li; Dongbo Zhang; Xiaoqing Wang; Xinnan Sun; and Zhaopei Liang							
made an inventi	on entitled:	Bidirectional CL	LC Circuit	vith Coupled Inductor			
for which an app (Select one of the		Letters Patent of th	e United Sta	tes:			
x is exe	cuted conc	urrently herewith					
wasfi	led in the U	I.S. Patent and Trac	emark Offic	on	···•*		
as U.	S. Patent A	pplication Serial No.			·		
		Zhejiang Univers	ity				
ASSIGNEE (Full Name, Add	Iress and	866 Yuhangtang	Road, Xihu	District, Hangzhou, Zhe	iang 310058		
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One Dollar (\$1.0 acknowledged, successors and for Letters Pater rights to claim p	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.						
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In witne	ss whereof,	this Assignment is	executed on	the day indicated below.			
i	Typed o	r Printed Name		Signature	Date		
SIGNATURE	Don	gbo Zhang	× D	ongbo Zhang	×February 8,20		

ASSIGN	ASSIGNMENT - Patent Application Docket Number: ZZZHCH-22001-USPT						
Whereas, the Ass	signor, con	prising the following	named in	nventors:			
ASSIGNOR(s)/ INVENTOR(s)	ASSIGNOR(s)/ Min Chen; Ning Chen; Bodong Li; Dongbo Zhang; Xiaoqing Wang; Xinnan Sun; and						
made an invention	n entitled:	Bidirectional CLL	C Circuit	with Coup	led Inductor		
(Select one of the	lication for following):	Letters Palent of the	United S	tates;			
l		irrently herewith					
was fil	ed in the U	S. Patent and Trade	mark Offi	ce on		<i>-</i>	
as U.S	. Patent Ap	oplication Serial No.:					
4.555.54.555		Zhejiang Universi	ty				
ASSIGNEE (Full Name, Add	ress and	866 Yuhangtang F	toad, Xih	u District, I	Hangzhou, Zhejiang	310058	
Country)		China					
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rights to claim pr	iority based		tters Pate	nt, including	ons, and continuatior greissues, to be obta ding thereto.		
Assignor made or entered	hereby wa into which	rrants that no assign would conflict with t	nment, sa his Assigr	le, agreeme iment.	ent or encumbrance h	as been or will be	
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for which an appli (Select one of the fo		Letters Patent of the	united States	SX			
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was file	d in the U	.S. Patent and Trad	emark Office o	n	<i>-</i>		
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		Zhejiang Univers	ity				
ASSIGNEE (Full Name, Addre	ess and	866 Yuhangtang	Road, Xihu Di	strict, Hangzhou, Zhejiang	310058		
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r	Typed (or Printed Name	9	lignature	Date		
SIGNATURE	Xi	nnan Sun	× Y.m	non Sun	XFebruary 8,200		

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for which an appl (Select one of the f	ication for ollowing):	Letters Palent of the	United	d States	¥.			
x is exec	uted conc	urrently herewith						
was file	d in the U	.S. Patent and Trade	emark (Office o	٦			
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		Zhejiang Universit	ty					
ASSIGNEE (Full Name, Addr	has see	866 Yuhangtang F	Road, I	Kihu Di:	strict, Ha	angzhou, Zhej	iang 310058	
Country)	202 U. 10	China						
is desirous of accobtained therefor		entire right, title and	intere	st in and	I to said	invention and t	he Letters Patent to be	
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RECORDED: 02/20/2022