

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT5593347

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
MIN CHEN	06/17/2019
BODONG LI	06/17/2019
NING CHEN	06/17/2019
XIAOQING WANG	06/17/2019
LEI JING	06/17/2019
XINNAN SUN	06/17/2019
DONGBO ZHANG	06/17/2019
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:	16453248
CORRESPONDENCE DATA	
Fax Number:	
<i>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.</i>	
Phone:	011 852-6078-6956
Email:	charles_ho@barron-young.com
Correspondent Name:	BYIP
Address Line 1:	P.O. BOX 1484
Address Line 2:	GENERAL POST OFFICE
Address Line 4:	HONG KONG, CHINA
ATTORNEY DOCKET NUMBER:	ZZZHCH-19004-USPT
NAME OF SUBMITTER:	CHARLES HO
SIGNATURE:	/Charles Ho/
DATE SIGNED:	06/27/2019

PATENT

Total Attachments: 7

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ASSIGNMENT - Patent ApplicationDocket Number: ZZZHCH-19004-USPT

Whereas, the Assignor, comprising the following named inventors:

ASSIGNOR(s)/
INVENTOR(s)**Min Chen; Bodong Li; Ning Chen; Xiaoqing Wang; Lei Jing; Xinnan Sun; and
Dongbo Zhang**made an invention entitled: **Method for Controlling Smooth Switching of Operation Direction of
Bidirectional Resonant CLLC Circuit**for which an application for Letters Patent of the United States:
(Select one of the following):

is executed concurrently herewith

was filed in the U.S. Patent and Trademark Office on _____
as U.S. Patent Application Serial No.: _____ASSIGNEE
(Full Name, Address and
Country)**Zhejiang University
866 Yuhangtang Road, Xihu District, Hangzhou, Zhejiang 310058
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.

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 or Printed Name	Signature	Date
SIGNATURE	Min Chen	X <i>Min Chen</i>	X June 7, 2019

ASSIGNMENT - Patent ApplicationDocket Number: **ZZZHCH-19004-USPT**

Whereas, the Assignor, comprising the following named inventors:

ASSIGNOR(s)/
INVENTOR(s)**Min Chen; Bodong Li; Ning Chen; Xiaoqing Wang; Lei Jing; Xinnan Sun; and
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In witness whereof, this Assignment is executed on the day indicated below.

Typed or Printed Name

Signature

Date

SIGNATURE

Bodong Li

X

*Bodong Li*X *June 17, 2019*

ASSIGNMENT - Patent Application		Docket Number: ZZZHCH-19004-USPT
Whereas, the Assignor, comprising the following named inventors:		
ASSIGNOR(s)/ INVENTOR(s)	Min Chen; Bodong Li; Ning Chen; Xiaoqing Wang; Lei Jing; Xinnan Sun; and Dongbo Zhang	
made an invention entitled: <u>Method for Controlling Smooth Switching of Operation Direction of Bidirectional Resonant CLLC Circuit</u>		
for which an application for Letters Patent of the United States: (Select one of the following):		
<input checked="" type="checkbox"/>	is executed concurrently herewith	
<input type="checkbox"/>	was filed in the U.S. Patent and Trademark Office on _____ as U.S. Patent Application Serial No. _____	
ASSIGNEE (Full Name, Address and Country)	Zhejiang University 866 Yuhangtang Road, Xihu District, Hangzhou, Zhejiang 310058 China	
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	Typed or Printed Name	Signature	Date
SIGNATURE	Ning Chen	X <i>Ning Chen</i>	X June 17, 2019

ASSIGNMENT - Patent Application		Docket Number: ZZZHCH-19004-USPT
Whereas, the Assignor, comprising the following named inventors:		
ASSIGNOR(s)/ INVENTOR(s)	Min Chen; Bodong Li; Ning Chen; Xiaoqing Wang; Lei Jing; Xinnan Sun; and Dongbo Zhang	
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ASSIGNEE (Full Name, Address and Country)	Zhejiang University 886 Yuhangtang Road, Xihu District, Hangzhou, Zhejiang 310058 China	
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	Typed or Printed Name	Signature	Date
SIGNATURE	Xiaoqing Wang	<i>Xiaoqing Wang</i>	<i>X June 17, 2019</i>

ASSIGNMENT - Patent Application		Docket Number: ZZZHCH-19004-USPT
Whereas, the Assignor, comprising the following named inventors:		
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ASSIGNEE (Full Name, Address and Country)	Zhejiang University 866 Yuhangtang Road, Xihu District, Hangzhou, Zhejiang 310058 China	
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	Typed or Printed Name	Signature	Date
SIGNATURE	Lei Jing	X <i>Lei Jing</i>	X June 17, 2019

ASSIGNMENT - Patent ApplicationDocket Number: **ZZZHCH-19004-USPT**

Whereas, the Assignor, comprising the following named inventors:

ASSIGNOR(s)/
INVENTOR(s)**Min Chen; Bodong Li; Ning Chen; Xiaoqing Wang; Lei Jing; Xinnan Sun; and Dongbo Zhang**made an invention entitled: **Method for Controlling Smooth Switching of Operation Direction of Bidirectional Resonant CLLC Circuit**for which an application for Letters Patent of the United States:
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was filed in the U.S. Patent and Trademark Office on _____
as U.S. Patent Application Serial No.: _____ASSIGNEE
(Full Name, Address and
Country)**Zhejiang University****866 Yuhangtang Road, Xihu District, Hangzhou, Zhejiang 310058****China**

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	Typed or Printed Name	Signature	Date
SIGNATURE	Xinnan Sun	X <i>Xinnan Sun</i>	X <i>June 17, 2019</i>

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Typed or Printed Name

Signature

Date

SIGNATURE

Dongbo Zhang

X

*Dongbo Zhang*X *June 17, 2019*