# PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

## **CONVEYING PARTY DATA**

Name	Execution Date
HONG RAO	07/28/2022
CHANGYUE ZOU	07/28/2022
SHUKAI XU	07/28/2022
YAN LI	07/28/2022
XIAOBIN ZHAO	07/28/2022
WEIWEI LI	07/28/2022
JUNJIE FENG	07/28/2022
SHUANGFEI YANG	07/28/2022
TING HOU	07/28/2022
LINGFEI LI	07/28/2022
YUKE JI	07/28/2022

## **RECEIVING PARTY DATA**

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### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	17798078

### CORRESPONDENCE DATA

PATENT

507425874 REEL: 060739 FRAME: 0718

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ATTORNEY DOCKET NUMBER:	SCH-22073-USPT
NAME OF SUBMITTER:	CHARLES HO
SIGNATURE:	/Charles Ho/
DATE SIGNED:	08/08/2022

#### **Total Attachments: 12**

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ASSIGNA	MENT - Patent Application Docket Number: SCH-2207	3-USPT	
Whereas, the Assi	signor, comprising the following named inventors:	***************************************	
ASSIGNOR(s)/ INVENTOR(s)	Hong Rao; Changyue Zou; Shukai Xu; Yan Li; Xiaobin Zhao; Weiwe Shuangfei Yang; Ting Hou; Lingfei Li; and Yuke Ji	i Li; Junjie Feng;	
made an invention	n entitled: PARAMETER DESIGN METHOD FOR SERIES PASSIVE IM ADAPTER APPLICABLE TO VOLTAGE SOURCE CONVER HIGH VOLTAGE DIRECT CURRENT (VSC-HVDC) TRANSM	TER BASED	
for which an applic (Select one of the fo	ication for Letters Patent of the United States: ollowing):		
is execu	uted concurrently herewith		
was filed	ed in the U.S. Patent and Trademark Office on		
as U.S.	. Patent Application Serial No.:		
ASSIGNEE (Full Name, Address and Country)  1. ELECTRIC POWER RESEARCH INSTITUTE, CHINA SOUTHERN POWER GRID No. 11 Kexiang Road, Science Park, Huangpu District, Guangzhou, Guangdong 510670 China			
	CHINA SOUTHERN POWER GRID     No. 11 Kexiang Road, Science Park, Huangpu District, C     Guangdong 510670     China	Suangzhou,	
is desirous of acquobtained therefor,	puiring our entire right, title and interest in and to said invention and the Let:	ers Patent to be	
One Dollar (\$1.00) acknowledged, As successors and as for Letters Patent	refore, in consideration of the payment by Assignee to Assignor of a sum or it is a consideration of the payment by Assignee to Assignor of a sum or it, and for other good and valuable consideration, the receipt of which is he assignor, intending to be legally bound, hereby sells, assigns and transfers it is a continuation and to said invention to read invention, the full and exclusive right, title and interest in and to said invention for said invention, including all divisions, continuations, and continuations or ity based thereon, and all Letters Patent, including reissues, to be obtain.	ereby to Assignee, its n, all applications 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 instrument.

In witness whereof, this Assignment is executed on the day indicated below.

	Typed or Printed Name	Signature	Date
SIGNATURE	Hong Rao	x Rastlong	X July 28, 2022
	Xia Chen	× Xia Chon	
	* Witness to Assignor	* Witness to Assignor	

	Typed or Printed Name	Signature	Date
SIGNATURE	Changyue Zou	× changine 2011	X July 28, 2022
	Xia Chen	× Xia Chon	
	* Witness to Assignor	* Witness to Assignar	

	Typed or Printed Name		Signature	Date
SIGNATURE	Shukai Xu	Х	Shukai Yu	X July 28, 2022
	Xia Chen	X	Xia Chon	
	* Witness to Assignor	* 36335	ness to Assignor	

	Typed or Printed Name		Signature	Date
SIGNATURE	Yan Li	Х	You Li	X July 28, 2022
	Xia Chen	X	Xia Chon	
	* Witness to Assignor	* Wit	ness to Assignor	

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SIGNATURE	Xiaobin Zhao	× Xaobin 2hao	X July 28, 2022
	Xia Chen	× Kia Chen	
	* Witness to Assignor	* Witness to Assignor	

	Typed or Printed Name	~~~~	Signature	Date
SIGNATURE	Weiwei Li	Х	Welner Li	X July 28, 2022
	Xia Chen	X	Xia Chon	
	* Witness to Assignor	* W	tness to Assignor	

	Typed or Printed Name		Signature	Date
SIGNATURE	Junjie Feng	×	Junjie Fong	X July 28, 2022
	Xia Chen	X	Zia Chen	
	* Witness to Assignor	* WB	ness to Assignor	

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	Xia Chen	× Xia Chen	
	* Witness to Assignor	* Witness to Assignar	

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	Xia Chen	× Zia Chon	
	* Witness to Assignor	* Witness to Assignor	

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	Xia Chen	× Xra Chen	
	* Witness to Assignor	* Witness to Assignor	

,	Typed or Printed Name	Signature	Date
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	Xia Chen	* Xia Chen	
	* Witness to Assignor	* Witness to Assignor	

RECORDED: 08/08/2022 PATENT REEL: 060739 FRAME: 0731