PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6861019

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ZHENGJUN SHI	11/26/2020
XINHUI DUAN	11/26/2020
MENG SONG	11/26/2020
CHAO SHENG	11/26/2020
YONGFA ZHAO	11/26/2020
BING ZHAO	11/26/2020
LILI	11/26/2020
YUNSONG LUO	11/26/2020
YAJUN XIA	11/26/2020
WENFENG CHENG	11/26/2020
YOUXIN LIN	11/26/2020

RECEIVING PARTY DATA

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16972525

CORRESPONDENCE DATA

PATENT

506814200 REEL: 057178 FRAME: 0602

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.

Email: mkeipdocket@michaelbest.com

Correspondent Name: KEVIN BARNER

Address Line 1: 1000 MAINE AVENUE SW

Address Line 2: SUITE 400

Address Line 4: WASHINGTON, D.C. 20024

ATTORNEY DOCKET NUMBER:	210109-9023-US01
NAME OF SUBMITTER:	DOH KIM
SIGNATURE:	/doh kim/
DATE SIGNED:	08/12/2021

Total Attachments: 12

source=210109-9023-US01-Assignment Recorded#page1.tif source=210109-9023-US01-Assignment Recorded#page3.tif source=210109-9023-US01-Assignment Recorded#page4.tif source=210109-9023-US01-Assignment Recorded#page5.tif source=210109-9023-US01-Assignment Recorded#page5.tif source=210109-9023-US01-Assignment Recorded#page6.tif source=210109-9023-US01-Assignment Recorded#page7.tif source=210109-9023-US01-Assignment Recorded#page8.tif source=210109-9023-US01-Assignment Recorded#page9.tif source=210109-9023-US01-Assignment Recorded#page10.tif source=210109-9023-US01-Assignment Recorded#page11.tif source=210109-9023-US01-Assignment Recorded#page11.tif source=210109-9023-US01-Assignment Recorded#page12.tif

PATENT REEL: 057178 FRAME: 0603

转让证明	
	ASSIGNMENT
代理人档案号(限12个字符内):	
Agent's file reference: (12 characters maximum)	
国际申请号: International application number:	PCT/CN2019/103704
国际申请日: International filing date:	2019-08-30
	充分的考虑,本人特此将上述国际申请和在此国际申请中所
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	MB and other good and sufficient consideration, I hereby assign
	international patent application and the invention disclosed
	visional application claiming the benefit therefrom, and any
foreign patent application claiming	g priority therefrom,
to GUANGDONG PO	WER GRID CO., LTD.
其位于	
having an address at No. 757 D	ongfeng East Road, Yuexiu District Guangzhou, Guangdong
510600, China	
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其位于	
having an address at No. 8 Shu	ijungang Dongfeng East Road, Yuexiu District Guangzhou,
Guangdong 510080, China	
本人授权代理人在得知本案国际申请号及国际申请日后将其填入上方。	
I authorize the agent to insert the above when they are known.	international application number and international filing date
发明人签字 Inventor's signature 名中手 定	5 ^
发明人全名 Printed inventor's Name	SHI, Zhengjun
日期 Date signed November	

转让证明		
	ASSIGNMENT	
代理人档案号(限12个字符内):		
Agent's file reference: (12 characters maximum)		
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I authorize the agent to insert the above when they are known.	international application number and international filing date	
发明人签字 Inventor's signature 数数	WZ	
发明人全名 Printed inventor's Name	DUAN, Xinhui	
日期 Date signed November	26.2020	

特让证明	
代理人档案号(限12个字符内):	ASSIGNMENT
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I authorize the agent to insert the above when they are known.	international application number and international filing date
发明人签字 Inventor's signature	À TIA
发明人全名 Printed inventor's Name	SONG, Meng
日期 Date signed A loy/Om	1 hor 14. 2020

转让证明 ASSIGNMENT		
代理人档案号(限12个字符内):	TABLET	
Agent's file reference: (12 characters maximum)		
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国际申请日: International filing date:	2019-08-30	
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foreign patent application claiming	4	
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I authorize the agent to insert the international application number and international filing date above when they are known.		
发明人签字 Inventor's signature	the second	
发明人全名 Printed inventor's Name	SHENG, Chao	
日期 Date signed Novem h	er 26. volo	

	转让证明
	ASSIGNMENT
代理人档案号(限12个字符内):	
Agent's file reference: (12 characters maximum)	
国际申请号:	DCTT/CN2010/102704
International application number:	PCT/CN2019/103704
国际申请日:	2010 00 00
International filing date:	2019-08-30
	充分的考虑,本人特此将上述国际申请和在此国际申请中所国际申请有关权利的任何接续申请或分案申请,以及要求此
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to <u>ELECTRIC POWER RESEARC</u>	CH INSTITUTE OF GUANGDONG POWER GRID CO., LTD.
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	ungang Dongreng East Road, Thexid District Guangzifou,
Guangdong 510080, China	
本人授权代理人在得知本案国际	申请号及国际申请日后将其填入上方。
I authorize the agent to insert the in above when they are known.	ternational application number and international filing date
发明人签字	
Inventor's signature EX	- 4h
发明人全名	VX.
	HAO Vanafa
	HAO, Yongfa
日期 Date signed May ombor	76. 2010
Date signed Alau Quahav).le. 1/U 1/V

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特让证明		
小加工业业产品(加工人会结内)。	ASSIGNMENT	
代理人档案号(限 12 个字符内): Agent's file reference:		
(12 characters maximum)		
国际申请号:	DCT/CN2010/102704	
International application number:	PCT/CN2019/103704	
国际申请日:	2019-08-30	
International filing date:	2019-00-30	
鉴于壹週人民币以及其他有益且充分的考虑,本人特此将上述国际申请和在此国际申请中所		
公开的本发明创造, 以及要求此	国际申请有关权利的任何接续申请或分案申请,以及要求此	
国际申请优先权的任何外国申请	的所有权益转让给	
In consideration of One Chinese RI	MB and other good and sufficient consideration, I hereby assign	
my interest in the above-identified	international patent application and the invention disclosed	
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本人授权代理人在得知本案国际申请号及国际申请日后将其填入上方。		
I authorize the agent to insert the international application number and international filing date above when they are known.		
发明人签字		
Inventor's signature	起 乌、	
发明人全名		
Printed inventor's Name	ZHAO, Bing	
日期	ember 26.2020	
Date signed Movi	WINDER UU.U.U.	

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转让证明 ASSIGNMENT	
代理人档案号(限 12 个字符内): Agent's file reference: (12 characters maximum)	ASSIGNATION
国际申请号: International application number:	PCT/CN2019/103704
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鉴于壹圆人民币以及其他有益且	充分的考虑,本人特此将上述国际申请和在此国际申请中所
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本人授权代理人在得知本案国际	市请号及国际申请日后将其填入上方。
I authorize the agent to insert the international application number and international filing date above when they are known.	
发明人签字 Inventor's signature	ф
发明人全名 Printed inventor's Name	LI, Li
日期 Date signed Movem her	26.2020

转让证明 ASSIGNMENT		
代理人档案号(限12个字符内):	ASSIGNMENT	
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国际申请号: International application number:	PCT/CN2019/103704	
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鉴于壹國人民币以及其他有益且	充分的考虑,本人特此将上述国际申请和在此国际申请中所	
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I authorize the agent to insert the international application number and international filing date above when they are known.		
发明人签字 Inventor's signature	交补名	
发明人全名		
Printed inventor's Name	LUO, Yunsong	
日期 Date signed Malian M	2v 26. 2020	

转让证明		
10 mm 1 14 mm 12 12 from an 1 day 64 3. 1.	ASSIGNMENT	
代理人档案号(限 12 个字符内): Agent's file reference:		
Agent's file reference: (12 characters maximum)		
国际申请号:	PCT/CN2019/103704	
International application number:	101.2017.100.0	
国际申请日:	2019-08-30	
International filing date:		
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I authorize the agent to insert the international application number and international filing date above when they are known.		
发明人签字	2 - 0	
Inventor's signature	8.2%	
发明人全名		
Printed inventor's Name	XIA, Yajun	
日期 Deta signed Alay/	ember U. 2020	
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转让证明 ASSIGNMENT		
代理人档案号(限 12 个字符内): Agent's file reference:	ADSIGNATE.	
(12 characters maximum) 国际申请号: International application number:	PCT/CN2019/103704	
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	充分的考虑,本人特此将上述国际申请和在此国际申请中所	
公开的本发明创造,以及要求此 国际申请优先权的任何外国申请	国际申请有关权利的任何接续申请或分案申请,以及要求此	
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其位于 having an address at No. 757 D 510600, China	ongfeng East Road, Yuexiu District Guangzhou, Guangdong	
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本人授权代理人在得知本案国际	5.申请号及国际申请日后将其填入上方。	
I authorize the agent to insert the above when they are known.	international application number and international filing date	
发明人签字 Inventor's signature 43.5 名		
发明人全名 Printed inventor's Name	CHENG, Wenfeng	
日期 Date signed ManP. mbev 2	U1. 20 W	

转让证明		
人工人档案号(限12个字符内):	ASSIGNMENT	
Agent's file reference: (12 characters maximum)		
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发明人签字	A -7 173	
Inventor's signature	上正军	
发明人全名	WW Ed	
11	SHI, Zhengjun	
日期 Date signed November	26, 2020	

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转让证明		
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发明人签字 6.1.4	41	
Inventor's signature		
发明人全名		
Printed inventor's Name	LIN, Youxin	
日期 Date signed November	y 26. Who	
I Date Station (A AA AM (LA		