

## PATENT ASSIGNMENT COVER SHEET

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Stylesheet Version v1.2

EPAS ID: PAT7807562

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
YANXING YANG	04/08/2022
WEI GUO	04/08/2022
XIAOLONG LU	04/09/2022
ZHENG LI	04/08/2022
ZHIGANG SHENG	04/09/2022
YONGFA LI	02/24/2022
HONGBING WANG	04/11/2022
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	HUAWEI DIGITAL POWER TECHNOLOGIES CO., LTD.
<b>Street Address:</b>	OFFICE 01, 39TH FLOOR, BLOCK A, ANTUOSHAN HEADQUARTERS TOWERS
<b>Internal Address:</b>	33 ANTUOSHAN 6TH ROAD, FUTIAN DISTRICT
<b>City:</b>	SHENZHEN, GUANGDONG
<b>State/Country:</b>	CHINA
<b>Postal Code:</b>	51043
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	17578833
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	
<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>	
<b>Email:</b>	ipdocketing@wbd-us.com, bstzksreport@wbd-us.com, umiko.lin@wbd-us.com
<b>Correspondent Name:</b>	WOMBLE BOND DICKINSON (US) LLP
<b>Address Line 1:</b>	PO BOX 570489
<b>Address Line 2:</b>	ATTN: IP DOCKETING
<b>Address Line 4:</b>	ATLANTA, GEORGIA 30357
<b>ATTORNEY DOCKET NUMBER:</b>	10167P1716US1 (P1716)
<b>NAME OF SUBMITTER:</b>	KEVIN G. SHAO

<b>SIGNATURE:</b>	/Kevin G. Shao/
<b>DATE SIGNED:</b>	02/21/2023
<b>Total Attachments: 14</b> source=10167P1716 Assignment#page1.tif source=10167P1716 Assignment#page2.tif source=10167P1716 Assignment#page3.tif source=10167P1716 Assignment#page4.tif source=10167P1716 Assignment#page5.tif source=10167P1716 Assignment#page6.tif source=10167P1716 Assignment#page7.tif source=10167P1716 Assignment#page8.tif source=10167P1716 Assignment#page9.tif source=10167P1716 Assignment#page10.tif source=10167P1716 Assignment#page11.tif source=10167P1716 Assignment#page12.tif source=10167P1716 Assignment#page13.tif source=10167P1716 Assignment#page14.tif	

**ASSIGNMENT**

**WHEREAS, WE,**

Yanxing Yang  
Office 01, 39th Floor, Block A,  
Antuoshan Headquarters Towers,  
33 Antuoshan 6th Road, Futian  
District, Shenzhen, 518043,  
P.R.C; and  
Xiaolong Lu  
Office 01, 39th Floor, Block A,  
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District, Shenzhen, 518043,  
P.R.C; and

have invented and own a certain invention entitled:  
POWER DISTRIBUTION SYSTEM AND CIRCUIT BREAKER POSITION ACQUISITION  
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for which invention we have executed an application (provisional or non-provisional) for a U.S.  
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Shenzhen, 518043, P.R.C., hereinafter referred to as Assignee, is desirous of acquiring the  
entire domestic and foreign right, title, and interest in and under the invention described in  
the patent application.

**NOW, THEREFORE**, for good and valuable considerations, the receipt and sufficiency  
of which are hereby acknowledged, we assign and transfer to the Assignee and the Assignee's  
legal representatives, successors and assigns the full and exclusive rights in and to the invention  
in the U.S. and every foreign country and the entire right, title, and interest in and to the patent  
application and other such applications (e.g., provisional applications, non-provisional  
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Attorney Docket No. \_\_\_\_\_

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**IN WITNESS WHEREOF**, We have hereunder set our hands on the dates shown below.

Date APR 8. 2022 Yanxing Yang  
Yanxing Yang

Date \_\_\_\_\_  
Wei Guo

Date \_\_\_\_\_  
Xiaolong Lu

Date \_\_\_\_\_  
Zheng Li

Date \_\_\_\_\_  
Zhigang Sheng

Date \_\_\_\_\_  
Yongfa Li

Date \_\_\_\_\_  
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Yanxing Yang

Date Apr 8, 2022  
Wei Guo  
Wei Guo

Date \_\_\_\_\_  
Xiaolong Lu

Date \_\_\_\_\_  
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Date \_\_\_\_\_  
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Date \_\_\_\_\_  
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Date Apr. 9, 2022  
Xiaolong Lu  
Xiaolong Lu

Date \_\_\_\_\_  
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POWER DISTRIBUTION SYSTEM AND CIRCUIT BREAKER POSITION ACQUISITION  
METHOD  
for which invention we have executed an application (provisional or non-provisional) for a U.S.  
patent, which was filed on 2022-01-19, under U.S. Application No. 17578833 and

WHEREAS, Huawei Digital Power Technologies Co., Ltd., Office 01, 39th Floor,  
Block A, Antuoshan Headquarters Towers, 33 Antuoshan 6th Road, Futian District,  
Shenzhen, 518043, P.R.C., hereinafter referred to as Assignee, is desirous of acquiring the  
entire domestic and foreign right, title, and interest in and under the invention described in  
the patent application.

NOW, THEREFORE, for good and valuable considerations, the receipt and sufficiency  
of which are hereby acknowledged, we assign and transfer to the Assignee and the Assignee's  
legal representatives, successors and assigns the full and exclusive rights in and to the invention  
in the U.S. and every foreign country and the entire right, title, and interest in and to the patent  
application and other such applications (e.g., provisional applications, non-provisional  
applications, continuations, continuations-in-part, divisionals, reissues, reexaminations,  
National phase applications, including petty patent applications, and utility model applications)  
that may be filed in the United States and every foreign country on the invention, and the  
patents, extensions, or derivations thereof, both foreign and domestic, that may issue thereon,

In re Appln. of Yang et al.  
Attorney Docket No. \_\_\_\_\_

and we do hereby authorize and request the Commissioner of Patents to issue U.S. patents to the above-mentioned Assignee agreeably with the terms of this assignment document.

**WE HEREBY AUTHORIZE** the Assignee to insert in this assignment document the filing date and application number of the application if the date and number are unavailable at the time this document is executed.

**WE DO HEREBY COVENANT** and agree with the Assignee that we will not execute any writing or do any act whatsoever conflicting with the terms of this assignment document set forth herein, and that we will at any time upon request, without further or additional consideration, but at the expense of the Assignee, execute such additional assignments and other writings and do such additional acts as the Assignee may deem necessary or desirable to perfect the Assignee's enjoyment of this assignment, and render all necessary assistance in making application for and obtaining original, continuation, continuation-in-part, divisional, reissued, reexamined, and National phase patents of the U.S. or of any and all foreign countries on the invention, and in enforcing any rights or chooses in action accruing as a result of such applications or patents, and by executing statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of, the assigns and legal representatives of all parties hereto.

**IN WITNESS WHEREOF**, We have hereunder set our hands on the dates shown below.

Date \_\_\_\_\_  
Yanxing Yang

Date \_\_\_\_\_  
Wei Guo

Date \_\_\_\_\_  
Xiaolong Lu

Date \_\_\_\_\_  
Zheng Li

Date \_\_\_\_\_  
Zhigang Sheng

Date Feb 24, 2022  
*Yongfa Li*  
Yongfa Li

Date \_\_\_\_\_  
Hongbing Wang

ASSIGNMENT

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District, Shenzhen, 518043,  
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Date \_\_\_\_\_  
Zhigang Sheng

Date \_\_\_\_\_  
Yongfa Li

Date Apr 11, 2022  
Hongbing Wang  
Hongbing Wang