

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
XUEJUAN KONG	01/04/2023
ZHEN FANG	01/04/2023
LIHUA LIU	01/04/2023
RECEIVING PARTY DATA	
Name:	HUAWEI DIGITAL POWER TECHNOLOGIES CO., LTD.
Street Address:	OFFICE 01, 39TH FLOOR, BLOCK A, ANTUOSHAN HEADQUARTERS TOWERS, 33 ANTUOSHAN 6TH ROAD, FUTIAN DISTRICT
City:	SHENZHEN
State/Country:	CHINA
Postal Code:	518043
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	17994529
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:	86-75528429636
Email:	uspatent@huawei.com
Correspondent Name:	SHUANG LIU
Address Line 1:	BUILDING A10-1, HUAWEI INDUSTRIAL BASE
Address Line 2:	BANTIAN, LONGGANG DISTRICT
Address Line 4:	SHENZHEN, CHINA 518129
ATTORNEY DOCKET NUMBER:	86705070US04
NAME OF SUBMITTER:	CHANCHAN ZHOU
SIGNATURE:	/Chanchan Zhou/
DATE SIGNED:	01/06/2023
Total Attachments: 6	
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ASSIGNMENT

WHEREAS, WE,

Xuejuan Kong
Office 01, 39th Floor, Block A,
Antuoshan Headquarters Towers,
33 Antuoshan 6th Road, Futian
District, Shenzhen, 518043,
P.R.C; and
Lihua Liu
Office 01, 39th Floor, Block A,
Antuoshan Headquarters Towers,
33 Antuoshan 6th Road, Futian
District, Shenzhen, 518043,
P.R.C.

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

have invented and own a certain invention entitled:
MOTOR ANGLE DETECTION AND DIAGNOSIS APPARATUS, MOTOR CONTROLLER,
ELECTRIC VEHICLE, AND METHOD
for which invention we have executed an application (provisional or non-provisional) for a U.S.
patent, which was filed on 2022-11-28, under U.S. Application No. 17994529 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,
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

In re Appln. of Kong et al.
Attorney Docket No. _____

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 January 4th, 2023

Xuejuan Kong
Xuejuan Kong

Date _____

Zhen Fang

Date _____

Lihua Liu

ASSIGNMENT

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Xuejuan Kong
Office 01, 39th Floor, Block A,
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33 Antuoshan 6th Road, Futian
District, Shenzhen, 518043,
P.R.C; and
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IN WITNESS WHEREOF, We have hereunder set our hands on the dates shown below.

Date _____

Xuejuan Kong

Date Jan. 04, 2023

Zhen Fang

Zhen Fang

Date _____

Lihua Liu

ASSIGNMENT

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Xuejuan Kong

Date _____

Zhen Fang

Date Jan. 04. 2023.

Lihua Liu
Lihua Liu