PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT5388516

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT				
NATURE OF CONVEYANCE:	Corrective Assignment to correct the CONVEYING PARTY DATA previously recorded on Reel 000454 Frame 0801. Assignor(s) hereby confirms the YANG LV, WENCHENG WANG, ZHIJIE WANG.				

CONVEYING PARTY DATA

Name	Execution Date
YANG LV	04/04/2018
WENCHENG WANG	04/04/2018
ZHIJIE WANG	04/04/2018

RECEIVING PARTY DATA

Name:	me: HUAWEI TECHNOLOGIES CO., LTD.		
Street Address:	HUAWEI ADMINISTRATION BUILDING		
Internal Address: BANTIAN, LONGGANG DISTRICT, SHENZHEN			
City:	GUANGDONG		
State/Country:	CHINA		
Postal Code:	518129		

PROPERTY NUMBERS Total: 1

Property Type	Number				
Application Number:	15948612				

CORRESPONDENCE DATA

Fax Number: (408)341-3098

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Email: joan.abriam@wbd-us.com, bstzfipgroup@wbd-us.com

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Address Line 4: ATLANTA, GEORGIA 30357

ATTORNEY DOCKET NUMBER:	210167.0075.3 (P071)		
NAME OF SUBMITTER:	JOAN ABRIAM		
SIGNATURE:	/JOAN ABRIAM/		
DATE SIGNED:	02/22/2019		

Total Attachments: 3

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PATENT REEL: 049910 FRAME: 0487

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PATENT REEL: 049910 FRAME: 0488

504859728 04/09/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 EPAS ID: PAT4906467 Stylesheet Version v1.2

 SUBMISSION TYPE:
 NEW ASSIGNMENT

 NATURE OF CONVEYANCE:
 ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
YANG LV	04/04/2018
WENCHONG WANG	04/04/2018

RECEIVING PARTY DATA

Name:	me: HUAWEI TECHNOLOGIES CO., LTD		
Street Address: HUAWEI ADMINISTRATION BUILDING BANTIAN			
Internal Address: LONGGANG DISTRICT SHENZHEN			
City:	GUANGDONG		
State/Country:	CHINA		
Postal Code:	518129		

PROPERTY NUMBERS Total: 1

Property Type	Number				
Application Number:	15948612				

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Correspondent Name: WOMBLE BOND DICKINSON (US) LLP /HUAWEI A

Address Line 1: P.O. BOX 7037

Address Line 4: ATLANTA, GEORGIA 30357-0037

ATTORNEY DOCKET NUMBER: 210167.0075.3 (P071)

NAME OF SUBMITTER: ZI WANG, REG. NO. L0876

SIGNATURE: /Zi Wang/

DATE SIGNED: 04/09/2018

Total Attachments: 2

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PATENT REEL: 049910 FRAME: 0489

PATENT

Attorney Docket No. Client Reference No. 84742787US04

ASSIGNMENT

WHEREAS, WE.

Yang Lv Huawci Administration Building Bantian, Longgang District Shenzhen, 518129, Guangdong P.R.CHINA; and

Zhijie Wang Huawei Administration Building Bantian, Longgang District Shenzhen, 518129, Guangdong P.R.CHINA; Wencheng Wang Huawei Administration Building Bantian, Longgang District Shenzhen, 518129, Guangdong P.R.CHINA; and

have invented and own a certain invention entitled:

VOLTAGE COLLECTION CIRCUIT AND CIRCUIT CONTROL METHOD

for which invention we have executed an application (provisional or non-provisional) for a U.S. patent, which was filed on 4/9/2018, under U.S. Application No.15/948,612 and

WHEREAS, HUAWEI TECHNOLOGIES CO.,LTD., Huawei Administration Building Bantian, Longgang District Shenzhen, 518129, Guangdong P.R.CHINA;, 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 other writings and do such additional acts as the Assignee may deem necessary or desirable to

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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 APT 04, 2018

Yang Lv

Date APY 04.2018

Woncheng Wang

Date Apr 04, 2018

Zhijie Wang
Zhijie Wang