#### 505098127 09/18/2018

### PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5144887

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
ZHE CHEN	08/23/2018
SHA MA	08/23/2018
YILING WU	08/23/2018
WEILIANG ZHANG	08/23/2018
TONG JI	08/23/2018

### RECEIVING PARTY DATA

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

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

Property Type	Number
Application Number:	16003102

### **CORRESPONDENCE DATA**

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HUAWEI TECHNOLOGIES CO., LTD. C/O SHUANG **Correspondent Name:** 

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ATTORNEY DOCKET NUMBER:	84738485US08	
NAME OF SUBMITTER:	LIWEN LONG	
SIGNATURE:	/Liwen Long/	
DATE SIGNED:	09/18/2018	

**PATENT REEL: 046893 FRAME: 0780** 505098127

## Total Attachments: 2

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> PATENT REEL: 046893 FRAME: 0781

# Attorney Docket No. Client Reference No. 84738485US08

### ASSIGNMENT

### WHEREAS, WE,

Zhe Chen

Huawei Administration Building Bantian, Longgang District Shenzhen, 518129, Guangdong

P.R.CHINA; and

Yiling Wu

Huawei Administration Building Bantian, Longgang District Shenzhen, 518129, Guangdong

P.R.CHINA; and

Tong Ji

Huawei Administration Building Bantian, Longgang District Shenzhen, 518129, Guangdong

P.R.CHINA;

Sha Ma

Huawei Administration Building Bantian, Longgang District Shenzhen, 518129, Guangdong

P.R.CHINA; and

Weiliang Zhang

Huawei Administration Building Bantian, Longgang District Shenzhen, 518129, Guangdong

P.R.CHINA; and

have invented and own a certain invention entitled:

### DATA SENDING METHOD, BASE STATION, AND TERMINAL DEVICE

for which invention we have executed an application (provisional or non-provisional) for a U.S. patent, which was filed on 2018-06-07, under U.S. Application No. 16003102 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.

PATENT REEL: 046893 FRAME: 0782

In re Appln. of Chen et al.	
Attorney Docket No	

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 Aug 23, 2018	Zhe Chen Zhe Chen
Date Aug 23, 2018	Sha Ma
Date Aug 23, W18	Yiling Wu Yiling Wu
Date Aug 23, 7018	Weiliang Zhang Weiliang Zhang
Date 1423, 1018	Tong Ji