# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3812168

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
QUFANG HUANG	03/24/2016
JIAN ZHANG	03/24/2016
QINGHAI ZENG	03/24/2016

### **RECEIVING PARTY DATA**

Name:	HUAWEI TECHNOLOGIES CO., LTD.	
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City:	Shenzhen, Guangdong	
State/Country:	tate/Country: CHINA	
Postal Code: 518129		

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

Property Type	Number
Application Number:	15006673

## **CORRESPONDENCE DATA**

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ATTORNEY DOCKET NUMBER: HW 83669213US08		
NAME OF SUBMITTER: MARANDA BREWSTER		
SIGNATURE:	ATURE: /Maranda Brewster/	
DATE SIGNED:	04/01/2016	
This document serves as an Oath/Declaration (37 CFR 1.63).		

**Total Attachments: 2** 

PATENT REEL: 038173 FRAME: 0673 source=HW 83669213US08 Assignment#page1.tif source=HW 83669213US08 Assignment#page2.tif

PATENT REEL: 038173 FRAME: 0674

Attorney Docket No. Client Reference No. 83669213US08

#### ASSIGNMENT

## WHEREAS, WE,

Qufang HUANG Huawei Administration Building Bantian, Longgang District Shenzhen, 518129, Guangdong P.R. CHINA; and

Oinghai ZENG Huawei Administration Building Bantian, Longgang District Shenzhen, 518129, Guangdong P.R. CHINA:

Jian ZHANG Huawei Administration Building Bantian, Longgang District Shenzhen, 518129, Guangdong P.R. CHINA; and

have invented and own a certain invention entitled:

DATA TRANSMISSION METHOD, DEVICE AND SYSTEM

for which invention we have executed an application (provisional or non-provisional) for a U.S. patent, which was filed on 26 Jan 2016, under U.S. Application No. 15006673 and

WHEREAS, HUAWEI TECHNOLOGIES CO., LTD., of 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

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

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 WITTNESS WHEREOF, We have hereunder set our hands on the dates shown below.

Date May 24, 2016	Qufang HUANG
Date _ May 24, 2016	Jian 24ANG  Jian ZHANG
Date Mar 2et, 2016	Qinghui ZONG Qinghai ZENG