504097196 11/15/2016

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JIAN WANG	11/09/2016
JIANGUO WANG	11/02/2016

RECEIVING PARTY DATA

Name:	Huawei Device Co., Ltd.	
Street Address:	Building B2, Huawei Industrial Base	
Internal Address:	Bantian, Longgang District	
City:	Shenzhen, Guangdong	
State/Country:	CHINA	
Postal Code:	518129	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15100172

CORRESPONDENCE DATA

Fax Number: (312)616-5700

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.

Phone: 312-616-5600

Email: assignments@leydig.com
Correspondent Name: LEYDIG, VOIT & MAYER, LTD.

Address Line 1: TWO PRUDENTIAL PLAZA, SUITE 4900

Address Line 2: 180 N. STETSON AVENUE

Address Line 4: CHICAGO, ILLINOIS 60601-6731

ATTORNEY DOCKET NUMBER: HW724509

NAME OF SUBMITTER: EUNICE RUIZ

SIGNATURE: /Eunice Ruiz/

DATE SIGNED: 11/15/2016

Total Attachments: 3

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PATENT 504097196 REEL: 040330 FRAME: 0172

PATENT

Attorney Docket No. HW724509 Client Reference No. 83676948US06

ASSIGNMENT

WHEREAS, WE,

Jian WANG BuildingB2, Huawei Industrial Base BuildingB2, Huawei Industrial Bantian, Longgang District Shenzhen, 518129, Guangdong P.R. CHINA; and

Jianguo WANG Base Bantian, Longgang District Shenzhen, 518129, Guangdong P.R. CHINA.

have invented and own a certain invention entitled:

BEAM PRECODING MANNER REPORTING METHOD, SCHEDULING METHOD, AND **DEVICE**

for which invention we have executed an application (provisional or non-provisional) for a U.S. patent, which was filed on 5/27/2016, under U.S. Application No. 15100172, and

WHEREAS, HUAWEI DEVICE CO., LTD., of BuildingB2, Huawei Industrial Base, 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 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 re Appln. of WANG et al. Attorney Docket No. <u>HW72450</u>9

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

Date 2016 - 11 - 9	Jian WAKG
	Jian WANG
Date	
	Jianguo WANG

In re Appln. of WANG et al. Attorney Docket No. <u>HW72450</u> 9	
IN WITNESS WHEREOF, We have here	under set our hands on the dates shown below.
Date	
Date Nopomber 2, 2016	Jian WANG JJangero WMVGT
Date Notion May 21	Jianguo WANG