PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT6046873

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
WEI YE	02/26/2019
XUZHEN WANG	04/01/2020
WEI CHEN	04/02/2020
GUANGSHENG LEI	02/26/2019

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16010161

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 LEYDIG, VOIT & MAYER, LTD. **Correspondent Name:**

Address Line 1: TWO PRUDENTIAL PLAZA, SUITE 4900

Address Line 2: 180 NORTH STETSON AVENUE Address Line 4: CHICAGO, ILLINOIS 60601-6731

ATTORNEY DOCKET NUMBER:	HW739348
NAME OF SUBMITTER:	MARALEA ACHACOSO
SIGNATURE:	/Maralea Achacoso/
DATE SIGNED:	04/03/2020

Total Attachments: 8

PATENT REEL: 052310 FRAME: 0549

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ASSIGNMENT

WHEREAS, WE,

Wei Ye Huawei Administration Building

Bantian, Longgang District Shenzhen, 518129, Guangdong

P.R.CHINA; and

Wei Chen

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

P.R.CHINA; and

Xuzhen Wang

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

P.R.CHINA; and

Guangsheng Lei

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

P.R.CHINA;

have invented and own a certain invention entitled:

SOUNDING REFERENCE SYMBOL TRANSMISSION METHOD AND RADIO REMOTE UNIT

for which invention we have executed an application (provisional or non-provisional) for a U.S. patent, which was filed on 2018-06-15, under U.S. Application No. 16010161 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

In re Appln. of Ye et al. Attorney Docket No. <u>HW739</u>348

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.

Date	Feb 26, 2019	wei re	
	4	Wei Ye	
	,		
Date		Xuzhen Wang	
Date	·····	Wei Chen	***************
Date			
		Guangsheng Lei	

Attorney Docket No. <u>HW739348</u> Client Reference No. 84178907US05

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P.R.CHINA; and

Xuzhen Wang

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Date		
	Wei Ye	
Date April 1, 2020	Xuzhen Wang Xuzhen Wang	
	Xuzhen Wang \checkmark	
Date		
AAAA	Wei Chen	
Date		
***************************************	Guangsheng Lei	

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Date	
	Wei Ye
Date	
****	Xuzhen Wang
Date 7020. 4.2	Wei chen
	Wei Chen
Date	
	Guangsheng Lei

Attorney Docket No. <u>HW739348</u> Client Reference No. 84178907US05

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Date	
	Wei Ye
Date	
	Xuzhen Wang
Date	
	Wei Chen
Date 7eb 26, 2019	Guangsheng Lei
	Guangsheng Lei