506221396 08/26/2020

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
WEI ZHU	07/11/2018
YI WANG	08/05/2019
KUN LI	08/05/2019
SILEI HUYAN	08/05/2019
YUN ZHANG	08/05/2019
BAO LU	05/30/2018
SHIQIANG LU	08/08/2019

RECEIVING PARTY DATA

Name:	HUAWEI TECHNOLOGIES CO., LTD.	
Street Address:	Huawei Administration Building	
Internal Address:	Bantian, Longgang District	
City:	Shenzhen	
State/Country:	CHINA	
Postal Code:	518129	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16478351

CORRESPONDENCE DATA

Fax Number: (972)731-2289

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: 972-731-2288

Email: dallaspatents@dfw.conleyrose.com

Correspondent Name: GRANT RODOLPH

Address Line 1: 5601 GRANITE PARKWAY, SUITE 500

Address Line 4: PLANO, TEXAS 75024-6616

ATTORNEY DOCKET NUMBER:	4657-86800 (85198468US04)	
NAME OF SUBMITTER:	GAYATRY S. NAIR	
SIGNATURE:	/Gayatry S. Nair/	

PATENT REEL: 053600 FRAME: 0260

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DATE SIGNED:	08/26/2020
Total Attachments: 4	
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PATENT REEL: 053600 FRAME: 0261

ASSIGNMENT

WHEREAS, WE,

Wei Zhu

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

P.R.CHINA; and

Kun Li

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

P.R.CHINA; and

Yun Zhang

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

P.R.CHINA; and

Shiqiang Lu

Huawei Administration Building Bantian, Longgang District Shenzhen, 518129, Guangdong P.R.CHINA. Yi Wang

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

P.R.CHINA; and

Silei HUYAN

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

P.R.CHINA; and

Bao Lu

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

P.R.CHINA; and

have invented and own a certain invention entitled:

ANTENNA STRUCTURE AND COMMUNICATIONS TERMINAL

for which invention we have executed an application (provisional or non-provisional) for a U.S. patent, which was filed on 2019-07-16, under U.S. Application No. 16478351 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.

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P.A

PATENT REEL: 053600 FRAME: 0262 In re Appln. of Zhu et al. Attorney Docket No. 4657-86800

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

Date Jul 11, 2018	WeiZhu
	Wei Zhu
Date	
	Yi Wang
Date	
	Kun Li
Date	
	Silei HUYAN
Date	
	Yun Zhang
Date	
	Dao Lu
Date	£(1, 5, 2, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,
	Shiqiang Lu

In re Appln. of Zhu et al. Attorney Docket No. 4657-86800

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

Date	Wei Zhu
Date Aug 3, 2019	Yi Wang Yi Wang
Date Avy 5 2019	Kun Li
Date Aug 5, 2019	Silei HUYAN Silei HUYAN
Date AW 5, 2019	Yun Zhang Yun Zhang
Date	Bao Lu
Date Ay & 2019	Shigiany Lu Shiqiang Lu

In re Appln. of Zhu et al. Attorney Docket No. 4657-86800

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

Date	
	Wei Zhu
Date	
	Yi Wang
Date	
	Kun Li
Date	
	Silei HUYAN
Date	
	Yun Zhang
Date May 30, 2018	Bao Lu
,	Bao Lu
Date	
	Shiqiang Lu