506957464 11/03/2021

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
YUNFEI QIAO	06/30/2021
RONGDAO YU	09/01/2021
YINGGANG DU	08/09/2021
BIN WANG	06/30/2021
TIANXIANG WANG	09/30/2021

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:	17239117

CORRESPONDENCE DATA

Fax Number:

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.

Email: ipdocketing@wbd-us.com, bstzkgsreport@wbd-us.com,

umiko.lin@wbd-us.com

Correspondent Name: WOMBLE BOND DICKINSON (US) LLP

Address Line 1: P.O. BOX 7037

Address Line 2: ATTN: IP DOCKETING

Address Line 4: ATLANTA, GEORGIA 30357-0037

ATTORNEY DOCKET NUMBER:	210167. 1555.6 (P1495)
NAME OF SUBMITTER:	KEVIN G. SHAO
SIGNATURE:	/Kevin G. Shao/
DATE SIGNED:	11/03/2021

PATENT 506957464 REEL: 058005 FRAME: 0205

Total Attachments: 8 source=10167P1495 Assignment#page1.tif source=10167P1495 Assignment#page2.tif source=10167P1495 Assignment#page3.tif source=10167P1495 Assignment#page4.tif source=10167P1495 Assignment#page5.tif source=10167P1495 Assignment#page6.tif source=10167P1495 Assignment#page7.tif source=10167P1495 Assignment#page8.tif

ASSIGNMENT

WHEREAS, WE,

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

P.R.CHINA; and

Yinggang Du

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

P.R.CHINA; and

Tianxiang Wang Huawei Administration Building Bantian, Longgang District Shenzhen, 518129, Guangdong P.R.CHINA. Rongdao Yu

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

P.R.CHINA; and

Bin Wang

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

P.R.CHINA; and

have invented and own a certain invention entitled:

COMMUNICATION METHOD, APPARATUS, AND SYSTEM BASED ON SATELLITE NETWORK

for which invention we have executed an application (provisional or non-provisional) for a U.S. patent, which was filed on 2021-04-23, under U.S. Application No. 17239117 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.

In re Appln. of Qiao 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.

Date 707 - 6.30	Junfer Ceian
1	Yunfei Qiao
Date	
	Rongdao Yu
Date	
	Yinggang Du
Date 27.6.30	Bin Wang
	Bin Wang
Date	
	Tianxiang Wang

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	Yunfei Qiao
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Date	
	Yunfei Qiao
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Date Aug 9, 202)	Yinggang Du
Ğ	Yinggang Du
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	Bin Wang
Date	
	Tianxiang Wang

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