# PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
CHUNXIA SUN	03/31/2021
YAOKUN ZHANG	03/31/2021

### **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:	17186776

# CORRESPONDENCE DATA

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using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

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SLATER MATSIL, LLP **Correspondent Name:** Address Line 1: 17950 PRESTON ROAD

Address Line 2: **SUITE 1000** 

Address Line 4: DALLAS, TEXAS 75252

ATTORNEY DOCKET NUMBER: HW 85942593US04	
NAME OF SUBMITTER:	SHERRY L. MCQUEEN
SIGNATURE:	/SHERRY L MCQUEEN/
DATE SIGNED:	04/01/2021

## **Total Attachments: 4**

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> **PATENT REEL: 055802 FRAME: 0170** 506589509

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PATENT REEL: 055802 FRAME: 0171

Attorney Docket No. Client Reference No. 85942593US04

# ASSIGNMENT

### WHEREAS, WE,

Chunxia Sun Huawei Administration Building Bantian, Longgang District Shenzhen, 518129, Guangdong P.R.CHINA; and Yaokun Zhang Huawei Administration Building Bantian, Longgang District Shenzhen, 518129, Guangdong P.R. CHINA:

P.R.CHINA;

have invented and own a certain invention entitled:

### COMMUNICATION METHOD AND COMMUNICATIONS DEVICE

for which invention we have executed an application (provisional or non-provisional) for a U.S. patent, which was filed on 2021-02-26, under U.S. Application No. 17186776 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 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

1

In re Apple, of Sun et al. Attorney Docket No.	
that the foregoing covenant and agree and legal representatives of all parties	ment shall bind, and inure to the benefit of, the assig hereto.
IN WITNESS WHEREOF, We have	hereunder set our hands on the dates shown below.
Date (May 31, 202)	Clumxía Sun
	Chunxia Sun
Date	
	Yaokun Zhang

PATENT

REEL: 055802 FRAME: 0173

Attorney Docket No. Client Reference No. 85942593US04

## ASSIGNMENT

# WHEREAS, WE,

Chunxia Sun Huawei Administration Building Bantian, Longgang District Shenzhen, 518129, Guangdong P.R.CHINA; and Yaokun Zhang Huawei Administration Building Bantian, Longgang District Shenzhen, 518129, Guangdong P.R. CHINA:

P.R.CHINA;

have invented and own a certain invention entitled:

### COMMUNICATION METHOD AND COMMUNICATIONS DEVICE

for which invention we have executed an application (provisional or non-provisional) for a U.S. patent, which was filed on 2021-02-26, under U.S. Application No. 17186776 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 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

PATENT REEL: 055802 FRAME: 0174

In re Appln. of Sun et al. Attorney Docket No.		
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	Chunxia Sun	
Date / May 31, 200	Yaokun Zhang Yaokun Zhang	

PATENT

RECORDED: 04/01/2021 REEL: 055802 FRAME: 0175