PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
GUOWEI OUYANG	02/11/2018
HUI JIN	02/11/2018
QIANG YI	02/11/2018
YUE HE	02/14/2018

RECEIVING PARTY DATA

Name:	HUAWEI TECHNOLOGIES CO.,LTD.	
Street Address:	reet Address: HUAWEI ADMINISTRATION BUILDING	
Internal Address: BANTIAN, LONGGANG DISTRICT		
City:	SHENZHEN, GUANGDONG	
State/Country:	ate/Country: CHINA	
Postal Code:	518129	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15816659

CORRESPONDENCE DATA

Fax Number: (312)715-5155

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.

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ATTORNEY DOCKET NUMBER:	163663.00043
NAME OF SUBMITTER:	HAO TAN
SIGNATURE:	/Hao Tan/
DATE SIGNED:	02/16/2018

Total Attachments: 4

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Attorney Docket No. <u>163663.000</u>43 Client Reference No. 84199703US08

ASSIGNMENT

WHEREAS, WE,

Guowei Ouyang Hui Jin

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

B. Chillian Huawei Administration Building
Bantian, Longgang District
Shenzhen, 518129, Guangdong

B. Chillian Huawei Administration Building
Bantian, Longgang District
Shenzhen, 518129, Guangdong

P.R.CHINA; and P.R.CHINA; and

Qiang Yi Yue He

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

P.R.CHINA; and P.R.CHINA.

have invented and own a certain invention entitled:

PROSE INFORMATION TRANSMISSION METHOD, TERMINAL, AND COMMUNICATIONS DEVICE

for which invention we have executed an application (provisional or non-provisional) for a U.S. patent, which was filed on 2017-11-17, under U.S. Application No. 15816659 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

In re Appln. of Ouyang et al. Attorney Docket No. <u>163663.0</u>0043

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 Feb 11, 2018	Guowei Oryang Guowei Ouyang
	Guowei Ouyang
Date feb 11, 2018	Hui Jin
Date Feb 11, 2018	Qiang Yi
	Qiang Yi
Date	
	Yue He

ASSIGNMENT

WHEREAS, WE,

Guowei Ouyang Hui Jin

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

B. Chillian Huawei Administration Building
Bantian, Longgang District
Shenzhen, 518129, Guangdong

B. Chillian Huawei Administration Building
Bantian, Longgang District
Shenzhen, 518129, Guangdong

P.R.CHINA; and P.R.CHINA; and

Qiang Yi Yue He

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

P.R.CHINA; and P.R.CHINA.

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for which invention we have executed an application (provisional or non-provisional) for a U.S. patent, which was filed on 2017-11-17, under U.S. Application No. 15816659 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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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

In re Appln. of Ouyang et al. Attorney Docket No. 163663.00043

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		
		Guowei Ouyang
Date		
	Hui Jin	
Date		
	Qiang Yi	
Date Feb 14, 2018	Yue He	
		Yue He