505722030 10/14/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5768841

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
NINGYU CHEN	10/08/2019
QIUXIANG LI	10/08/2019
HANG CUI	10/08/2019
RUI WANG	10/08/2019
FURONG XU	10/08/2019
NAN HU	10/08/2019

RECEIVING PARTY DATA

Name:	lame: CHINA MOBILE COMMUNICATION CO., LTD RESEARCH INSTITUTE	
Street Address:	32 XUANWUMEN WEST STREET	
Internal Address:	nternal Address: XICHENG DISTRICT	
City:	BEIJING	
State/Country:	CHINA	
Postal Code: 100053		
Name:	CHINA MOBILE COMMUNICATIONS GROUP CO., LTD.	
Name: Street Address:	CHINA MOBILE COMMUNICATIONS GROUP CO., LTD. 29, JINRONG AVE.	
	,	
Street Address:	29, JINRONG AVE.	
Street Address: Internal Address:	29, JINRONG AVE. XICHENG DISTRICT	

PROPERTY NUMBERS Total: 1

Property Type	Number		
Application Number:	16605170		

CORRESPONDENCE DATA

Fax Number: (415)442-1001

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: 4154421000

Email: sfipdocketing@morganlewis.com

Correspondent Name: MORGAN, LEWIS & BOCKIUS LLP (SF)

Address Line 1: ONE MARKET, SPEAR STREET TOWER, SUITE 28

PATENT

505722030 REEL: 050708 FRAME: 0618

Address Line 4: SAN	SAN FRANCISCO, CALIFORNIA 94105		
ATTORNEY DOCKET NUMBER:	114304-5021-US		
NAME OF SUBMITTER:	GREGORY DUNN		
SIGNATURE:	/Gregory Dunn/		
DATE SIGNED:	10/14/2019		

Total Attachments: 12

source=114304-5021-US-Declaration-and-Assignment#page1.tif source=114304-5021-US-Declaration-and-Assignment#page2.tif source=114304-5021-US-Declaration-and-Assignment#page3.tif source=114304-5021-US-Declaration-and-Assignment#page4.tif source=114304-5021-US-Declaration-and-Assignment#page5.tif source=114304-5021-US-Declaration-and-Assignment#page6.tif source=114304-5021-US-Declaration-and-Assignment#page7.tif source=114304-5021-US-Declaration-and-Assignment#page8.tif source=114304-5021-US-Declaration-and-Assignment#page9.tif source=114304-5021-US-Declaration-and-Assignment#page10.tif source=114304-5021-US-Declaration-and-Assignment#page11.tif source=114304-5021-US-Declaration-and-Assignment#page11.tif

PATENT REEL: 050708 FRAME: 0619

Title of Invention	METHOD OF TRIGGERING INTRA-FREQUENCY MEASUREMENT OF TERMINAL, DEVICE THEREOF, TERMINAL AND BASE STATION
As a belov	v named inventor, I hereby declare that:
This decla	ration
is directed	to: The attached application, or
	United States application or PCT international application
The above-	numberfiled on identified application was made or authorized to be made by me.
believe the	at I am the original inventor or an original joint inventor of a claimed invention cation.
	knowledge that any willful false statement made in this declaration is under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) of the control
	by authorize and request my attorney or representative to insert here in

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, each undersigned inventor (hereinafter referred to as "ASSIGNOR"), do hereby:

date and application number of said US application when known.

SELL, ASSIGN AND TRANSFER to China Mobile Communication Co., Ltd Research Institute, having a place of business at 32 Xuanwumen West Street, Xicheng District, Beijing, China, and China Mobile Communications Group Co., Ltd., having a place of business at 29, Jinrong Ave., Xicheng District, Beijing 100032, China (each hereinafter referred to as "ASSIGNEE") the entire right, title and interest for the United States and all foreign countries in and to any and all inventions which are disclosed in the above-identified application for United States Letters Patent, which has been executed by the undersigned concurrently herewith, which is a national phase filing of PCT/CN2018/082473 filed on April 10, 2018; which in turn claims priority to CN 201710244514.5 filed on April 14, 2017; such applications and all divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States and all foreign countries on any of such inventions; all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such inventions; and specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on such application in the United States;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such inventions to the Assignee;

COVENANT, when requested and at the expense of the Assignee, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such inventions; execute all rightful oaths, declarations, assignments, powers of attorney and other papers; communicate to the Assignee all facts known to the undersigned relating to such inventions and the history thereof; and generally do everything possible which the Assignee shall consider desirable for vesting title to such inventions in the Assignee, and for securing, maintaining and enforcing proper patent protection for such inventions;

TO BE BINDING on the heirs; assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignee.

ASSIGNOR HEREBY REPRESENTS AND WARRANTS that ASSIGNOR has the full and unencumbered right to sell, assign, and transfer the interests sold, assigned, and transferred herein, and that ASSIGNOR has not executed and will not execute any document or instrument in conflict herewith.

The assignment of said invention is effective as of the earlier of (1) the date of execution shown below or (2) the filing date of the first filed of said patent applications.

STATEMENTS

I have reviewed and understand the contents of the above-identified application, including the claims, as amended by any amendment referred to above.

~	
	LEGAL NAME OF INVENTOR
	Inventor: Ningyu CHEN Date: 10.8.2019
	Signature: Ningyu CHEN

Title of Invention	METHOD OF TRIGGERING INTRA-FREQUENCY MEASUREMENT OF TERMINAL, DEVICE THEREOF, TERMINAL AND BASE STATION			
As a below	named inventor, I hereby declare that:			
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	knowledge that any willful false statement made in this declaration is under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) th.			
	by authorize and request my attorney or representative to insert here in (patent Application number . filed) the filing			

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-	
	LEGAL NAME OF INVENTOR
	Inventor: Quixiano U Date: 10.8.2017
	Signature: Qiuxjang LI
	7

Title of Invention	METHOD OF TRIGGERING INTRA-FREQUENCY MEASUREMENT OF TERMINAL, DEVICE THEREOF, TERMINAL AND BASE STATION			
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hereby aci punishable years, or bo	knowledge that any willful false statement made in this declaration is under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) th.			
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LEGAL NAME OF I	NVENTOR	i.n			
Inventor: <u>Hang CU</u>	Date:	10.8.7017			
Signature:	Hans	Cui			
	2				

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LEGAL NAME OF INVENTOR
Inventor Rui WANG Date 19.9. 10/9
Signature: Yu: VAV 9

Title of Invention	METHOD OF TRIGGERING INTRA-FREQUENCY MEASUREMENT OF TERMINAL, DEVICE THEREOF, TERMINAL AND BASE STATION
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······		
LEGAL NAME OF INVENTOR		
Inventor: <u>Furong XU</u> Date:	10.8.2019	
Signature: <u>Furona Xu</u>		

Title of Invention	METHOD OF TRIGGERING INTRA-FREQUENCY MEASUREMENT OF TERMINAL, DEVICE THEREOF, TERMINAL AND BASE STATION
As a below	named inventor, I hereby declare that:
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is directed	to: The attached application, or
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I acknowledge the duty to disclose to the United States Patent Office all information known to me to be material to patentability as defined in 37 C.F.R. 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part.

LEGAL NAME OF INVENTOR	
Inventor Nan HU Date 13.8-2019	
Signature: WAT HA	

12

PATENT REEL: 050708 FRAME: 0631