504103347 11/18/2016

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

EPAS ID: PAT4150016

CONVEYING PARTY DATA

Name	Execution Date
YONG XIE	11/17/2016
LU RONG	11/17/2016
JUN CHEN	11/16/2016

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:	15332147

CORRESPONDENCE DATA

Fax Number: (972)732-9218

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)732-1001

Email: docketing@slatermatsil.com

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

Address Line 2: SUITE 1000

Address Line 4: DALLAS, TEXAS 75252

ATTORNEY DOCKET NUMBER:	HW 84067485US04	
NAME OF SUBMITTER:	DANIELLE SIMONEAUX	
SIGNATURE:	/Danielle Simoneaux/	
DATE SIGNED:	11/18/2016	

Total Attachments: 6

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PATENT 504103347 REEL: 040370 FRAME: 0542

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PATENT REEL: 040370 FRAME: 0543

Attorney Docket No. Client Reference No. 84067485US04

ASSIGNMENT

WHEREAS, WE,

Yong XIE Huawei Administration Building Bantian, Longgang District Shenzhen, 518129, Guangdong P.R. CHINA; and Lu RONG Huawei Administration Building Bantian, Longgang District Shenzhen, 518129, Guangdong P.R. CHINA: and

Jun CHEN Huawei Administration Building Bantian, Longgang District Shenzhen, 518129, Guangdong P.R. CHINA.

have invented and own a certain invention entitled: WIRELESS ASSISTANCE METHOD, APPARATUS, AND SYSTEM for which invention we have executed an application (provisional or non-provisional) for a U.S. patent, which was filed on 10/24/2016, under U.S. Application No. 15332147 and

WHEREAS, HUAWEI TECHNOLOGIES CO., LTD., of 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

PATENT REEL: 040370 FRAME: 0544

In re Appln. of XIE et al. Attorney Docket No
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

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

and legal representatives of all parties hereto.

Date Nov 17	, 2016	Yong XIE	
		Yong XIE	and the second s
Date			
		Lu RONG	
Date	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		
		Jun CHEN	

Attorney Docket No. Client Reference No. 84067485US04

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Date		
	Yong XIE	
Date <u>Nov. 17_{7.} 2016</u>	Lu RONG	
Date	Jun CHEN	

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PATENT REEL: 040370 FRAME: 0548

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IN WITNESS WHEREOF, We have	hereunder set our hands on the dates shown below.
Date	
	Yong XIE
Date	
	Lu RONG
Date Nov 16, 2016	Jun CHEN
	Jun CHEN