506641499 05/03/2021

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6688309

SUBMISSION TYPE:		NEW ASSIGNMENT	
NATURE OF CONVEY	ANCE:	NCE: ASSIGNMENT	
CONVEYING PARTY	DATA		
		Name	Execution Date
JUNHUA WAN		06/25/2013	
WEIYUE		02/24/2014	
WEIWU		07/02/2013	
ZUQQIAN JIANG		06/28/2013	
LEI LI		03/06/2014	
HAI GAO	40		06/25/2013
RECEIVING PARTY	ΟΑΤΑ		
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:	16413255

CORRESPONDENCE DATA

Fax Number:

(312)616-5700

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:	(312) 616-5600
Email:	assignments@leydig.com
Correspondent Name:	LEYDIG, VOIT & MAYER, LTD.
Address Line 1:	TWO PRUDENTIAL PLAZA, SUITE 4900
Address Line 2:	180 NORTH STETSON AVENUE
Address Line 4:	CHICAGO, ILLINOIS 60601-6731

ATTORNEY DOCKET NUMBER:	HW737654
NAME OF SUBMITTER:	LAURA BERNDT
SIGNATURE:	/Laura Berndt/
DATE SIGNED:	05/03/2021

Total Attachments: 5

source=ParentAssignment#page1.tif source=ParentAssignment#page2.tif source=ParentAssignment#page3.tif source=ParentAssignment#page4.tif source=ParentAssignment#page5.tif

PATENT Attorney Docket No. <u>HW713689</u> Client Reference No. 81297741U516

ASSIGNMENT

WHEREAS, WE,

Junhua WAN Huawei Administration Building Bantian, Longgang District Shenzhen, 518129, Guangdong P.R. CHINA; and

Wei WU Huawei Administration Building Bantian, Longgang District Shenzhen, 518129, Guangdong P.R. CHINA; and

Lei LI Huawei Administration Building Bantian, Longgang District Shenzhen, 518129, Guangdong P.R. CHINA; and Wei YUE Huawei Administration Building Bantian, Longgang District Shenzhen, 518129, Guangdong P.R. CHINA; and

Zuoqian JIANG Huawei Administration Building Bantian, Longgang District Shenzhen, 518129, Guangdong P.R. CHINA; and

Hai GAO Huawei Administration Building Bantian, Longgang District Shenzhen, 518129, Guangdong P.R. CHINA;

have invented and own a certain invention entitled: SERVICE DISTRIBUTION METHOD, DEVICE AND SYSTEM for which invention we have executed an application (provisional or non-provisional) for a U.S. patent, which was filed on <u>14 Jun 2013</u>, under U.S. Application No. <u>13917923</u> 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.

PATENT REEL: 056113 FRAME: 0572

In re Appln. of Wan et al. Attorney Docket No. <u>HW713689</u>

on totartan assegned

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.

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

Date June V. 2013	Junkan Wan
Date Jane of . 2013	Junhua WAN Dai Min
Date June 25, 2013	Witness Witness Witness
Date Feb 22, 2014	Wei YUE
Date Teb 24, 2014	Changur ZZNG
Date <u>Feb 24, 2016</u>	Shufuan LIN Witness
Date	Wei WU
Date	Witness
Date	Witness

In re Appln. of Wan et al. Attorney Docket No. HW713689

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-im-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	Junhua WAN	
Date		
	Witness	ni Paristi i su
Date	Witness	
Date	Wei YUE	
Date	Witness	
Date	Witness	
andalerenginas presidentikas Anan Analisis et den anteriore	WIINESS	r daar adar tool poincellong. > ambaatings - amerika lang.
Date July 2, 2013		201
Date Inly 2, 2013	.	
Dane July 2, 2013		
	SY BREXS	

2

PATENT REEL: 056113 FRAME: 0574 In re Appln. of Wan et al. Attorney Docket No. <u>HW7136</u>89

Date June 28, 2013	Zuogian Jiang Zuogian JIANG
Date June 28. 2013	Zuoqian JIANG Zhilin Ju
Date June . 28 . 2013	Zhilin Ju Witness Junhui Zhen Witness
	witness
Date	
Date	Lei LI
	Witness
Date	Witness
Date	
Date	Hai GAO
Date	Witness
Date	Witness

In re Appln. of Wan et al. Attorney Docket No. <u>HW7136</u>89

Table in a definition of the d	ar y nan c'han an a
Date	Zuoqian JIANG
Date	Witness
Date	Witness
Date Mar b, 2014	Lei II
Date Marb, 2014	<u>Chunguang</u> YAD Witness
Date Marb, Joff	<u>Zhao IIU</u> Witness
**** *	
Date June 25, 2013	Hai GAO Hai GAO
Date JUNK 25, 2013	Xiaoyan FANG
Date June 25, 2013	Hanting LVO Witness

*