504577858 10/03/2017

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
YUHUA CHEN	10/20/2012
MIAO ZHANG	10/20/2012
LI CHAI	10/20/2012
WEIWEI SONG	10/20/2012

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:	14695889

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

NAME OF SUBMITTER: MARALEA ACHACOSO	
SIGNATURE: /Maralea Achacoso/	
DATE SIGNED: 10/03/2017	

Total Attachments: 2

PATENT REEL: 043769 FRAME: 0653

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> PATENT REEL: 043769 FRAME: 0654

ASSIGNMENT

WHEREAS, WE,

Li CHAI

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

P.R. CHINA; and

Miao ZHANG

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

P.R. CHINA; and

Yuhua CHEN

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

P.R. CHINA; and

Weiwei SONG

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

P.R. CHINA:

have invented and own a certain invention entitled:

METHOD AND APPARATUS FOR MEASURING CARRIER IN DEACTIVATED STATE for which invention we have executed an application (provisional or non-provisional) for a U.S. patent, which was filed on 10/30/12, under U.S. Application No._____and

13/664,174

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: 043769 FRAME: 0655 In re Appln. of Chai et al. Attorney Docket No. HW711053

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 Oct 20, 2012	Li CHAI
	Li CHAI
Date Oct 20, 2012	Yi J7AN6- Witness
Date <u>()(† 20. 2012</u>	Chao ZHAO Witness

Date Oct 20, 2012	Yuhua CHEN Yuhua CHEN
Date Oct 20, 2012	Witness JIAN6
Date <u>(10t 30 , 2012</u>	Chao ZHAO Witness
×	W Ithicas
Date 10/20/2012	Miao Zhang Miao ZHANG
Date Oct 20, 2012	Yi JIANG
Date (10+ 20, 2012	Witness Chao ZHAO
V V	Witness
^	St. Senia
Date <u>0ct 20 2017</u>	Weiwei SONG
Date Oct 20 , 20/2	Y1 J1AN6 Witness
Date 00t 20, 2012	Chao ≥HAO Witness
***************************************	Witness