PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3404053

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
HENRIK LUNDQVIST	06/10/2015
XIAODONG YANG	06/16/2015
HONGZHUO ZHANG	06/11/2015
XIAO CHEN	08/02/2013

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:	14744163

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.

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Address Line 2: 180 N. STETSON AVENUE

Address Line 4: CHICAGO, ILLINOIS 60601-6731

ATTORNEY DOCKET NUMBER:	HW721049	
NAME OF SUBMITTER: JOHN B. CONKLIN		
SIGNATURE:	/John B. Conklin/	
DATE SIGNED: 06/19/2015		

Total Attachments: 5

PATENT REEL: 035946 FRAME: 0814

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PATENT REEL: 035946 FRAME: 0815

Attorney Docket No. <u>HW721049</u> Client Reference No. 83577010US02

ASSIGNMENT

WHEREAS, WE,

Henrik Lundqvist
Sweden-/-Floor 3 ,
Skalholtsgatan 9-11 Box 54
SE-164 40 Kista , Sweden

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

Hongzhuo ZHANG Huawei Administration Building Bantian, Longgang District Shenzhen, 518129, Guangdong P.R. CHINA: and Xiao CHEN Huawei Administration Building Bantian, Longgang District Shenzhen, 518129, Guangdong P.R. CHINA:

have invented and own a certain invention entitled:

MINIMIZATION OF DRIVE TESTS MEASUREMENT METHOD, USER EQUIPMENT, AND NETWORK DEVICE

for which invention we have executed an application (provisional or non-provisional) for a U.S. patent, which was filed on <u>06/19/2015</u>, under U.S. Application No. and 14/744.163

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

PATENT REEL: 035946 FRAME: 0816 In re Appln. of Lundqvist et al. Attorney Docket No. <u>HW721049</u>

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

Date <u>(0.6 -2015</u>	Henrik Lundqvist
Date	Xiaodong YANG
Date	Hongzhuo ZHANG
Date	Xiao CHEN

In re Applin, of Lundqvist et al, Attorney Docket No. HW721049

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

Date	es. Or s			
		λ,	Henrik Lundqvist	
Date	Jun 16, 2015	3. 	Xiaodong YANG	
		as .	Xiaodong YANG	
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racese.			Hongzhuo ZHANG	
Date				
			Xiao CHEN	

In re Appln. of Lundqvist et al. Attorney Docket No. <u>HW7210</u>49

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

Date	Henrik Lundqvist
Date	Xiaodong YANG
Date June 11, 7015	Hongshuo ZHANG Hongshuo ZHANG
Date	Xiao CHEN

In re Appln. of Lundqvist et al. Attorney Docket No. <u>HW7210</u>49

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	**************************************
Dete	Henrik Lundqvist
Date	Witness
Date	***************************************
	Witness
7.5.	199 SIGNATOR CORD SALVA POC CORD
Date	Xiaodong YANG
Date	Witness
	Witness
Date	Witness
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Date	
Data	Hongzhuo ZHANG
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