PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4726152

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JIAN ZHANG	11/09/2017
YUANJIE LI	11/09/2017
YONGXING ZHOU	11/06/2017
QINGHAI ZENG	11/09/2017

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:	15656493

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 84344265US04
NAME OF SUBMITTER:	JENNIFER RUBIO
SIGNATURE: /Jennifer Rubio/	
DATE SIGNED:	12/08/2017

Total Attachments: 4

source=HW 84344265US04 Assignment as filed 2017-12-08#page1.tif source=HW 84344265US04 Assignment as filed 2017-12-08#page2.tif source=HW 84344265US04 Assignment as filed 2017-12-08#page3.tif source=HW 84344265US04 Assignment as filed 2017-12-08#page4.tif

PATENT

Attorney Docket No. Client Reference No. 84344265US04

ASSIGNMENT

WHEREAS, WE,

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

P.R.CHINA; and

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

P.R.CHINA; and

Yuanjie Li

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

P.R.CHINA; and

Qinghai Zeng

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

P.R.CHINA;

have invented and own a certain invention entitled:

MEASUREMENT APPARATUS AND METHOD

for which invention we have executed an application (provisional or non-provisional) for a U.S. patent, which was filed on 2017-07-21, under U.S. Application No. 15656493 and

WHEREAS, HUAWEI TECHNOLOGIES CO.,LTD., 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

In:	re	App	ıln.	of	Zhang	et	al.
Att	toi	ney	Do	ck	et No.		

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 NOV. 9. 2017	Jian Zhang
	Jian Zhang
Date Nov. 9. 2017	Yuanjil Li Yuanjie Li
,	Yuanjie Ľi
Date	
	Yongxing Zhou
Date Nov 9, 20,7	Omphai Zeng Oinghai Zeng
	Oinghai Zeng

Attorney Docket No. Client Reference No. 84344265US04

ASSIGNMENT

WHEREAS, WE,

Jian Zhang Yuanjie Li

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

B. R. GHDLA

B. R. GHD

P.R.CHINA; and P.R.CHINA; and

Yongxing Zhou Qinghai Zeng

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

P.R.CHINA; and P.R.CHINA;

have invented and own a certain invention entitled:

MEASUREMENT APPARATUS AND METHOD

for which invention we have executed an application (provisional or non-provisional) for a U.S. patent, which was filed on 2017-07-21, under U.S. Application No. 15656493 and

WHEREAS, HUAWEI TECHNOLOGIES CO.,LTD., 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

In re Appln. of Zhang et al. Attorney Docket No	
perfect the Assignee's enjoyment of this as making application for and obtaining origin reissued, reexamined, and National phase pa on the invention, and in enforcing any right applications or patents, and by executing st	s the Assignee may deem necessary or desirable to ssignment, and render all necessary assistance in nal, continuation, continuation-in-part, divisional, atents of the U.S. or of any and all foreign countries is or chooses in action accruing as a result of such atements and other affidavits, it being understood shall bind, and inure to the benefit of, the assigns of.
IN WITNESS WHEREOF, We have here	under set our hands on the dates shown below.
Date	
	Jian Zhang
Date	Yuanjie Li
Date November 6, 2017	Yongxing Zhou

Qinghai Zeng