504338211 04/26/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

EPAS ID: PAT4384899

CONVEYING PARTY DATA

Name	Execution Date
FANGLIN SUN	04/20/2017
BIN ZHOU	04/07/2017
SHICAI CHEN	04/07/2017

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:	15495781

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 84187837US04
NAME OF SUBMITTER:	SHERRY L. MCQUEEN
SIGNATURE:	/SHERRY L MCQUEEN/
DATE SIGNED:	04/26/2017

Total Attachments: 6

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PATENT 504338211 REEL: 042146 FRAME: 0548

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PATENT REEL: 042146 FRAME: 0549

C. P. Walner

PATENT

Attorney Docket No. Client Reference No. 84187837US04

ASSIGNMENT

WHEREAS, WE,

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

Shicai Chen Huawei Administration Building Bantian, Longgang District Shenzhen, 518129, Guangdong P.R.CHINA; Bin Zhou Huawei Administration Building Bantian, Longgang District Shenzhen, 518129, Guangdong P.R.CHINA; and

have invented and own a certain invention entitled:

SIGNAL TRANSMISSION METHOD, APPARATUS, AND SIGNAL TRANSMISSION SYSTEM

for which invention we have ex	ecuted an application (provisional o	r non-provisional) for	a U.S.
patent, which was filed on	, under U.S. Application No	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 Sun et al.		
Attorney Docket No.		
other writings and do such additional perfect the Assignee's enjoyment of making application for and obtaining reissued, reexamined, and National pointhe invention, and in enforcing a applications or patents, and by executant the foregoing covenant and agrand legal representatives of all particular and agrand legal representatives of all particular and agrand legal representatives.	f this assignment, and render all ag original, continuation, continuation, continuation, continuation, continuation, continuation according to the U.S. or of any rights or chooses in action accurring statements and other affidatement shall bind, and inure to the test hereto.	I necessary assistance in lation-in-part, divisional, and all foreign countries cruing as a result of such avits, it being understood he benefit of, the assigns
N WITNESS WHEREOF, We ha	ve hereunder set our hands on the Fanglin Sun	
vate (/D/)	Fanglin Sun	
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	Bin Zhou	
ate		
	Shicai Chen	

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Attorney Docket No. Client Reference No. 84187837US04

ASSIGNMENT

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In re Appln. of Sun 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 as 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	Fanglin Sun
Date Apr. 7, 2017	Bin Zhou Bin Zhou
Date	

Shicai Chen

O Carre

PATENT

Attorney Docket No. Client Reference No. 84187837US04

ASSIGNMENT

WHEREAS, WE,

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have invented and own a certain invention entitled:

SIGNAL TRANSMISSION METHOD, APPARATUS, AND SIGNAL TRANSMISSION SYSTEM

for which invention we have executed an application (provisional or non-provisional) for a U.S. patent, which was filed on_____, under U.S. Application No._____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.

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Date

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IN WITNESS WHEREOF, We have her	reunder set our hands on the dates shown below.
Date	Fanglin Sun

Bin Zhou

Shirai Clan Shicai Chen

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RECORDED: 04/26/2017

Apr 07, 2017

PATENT REEL: 042146 FRAME: 0555