505760917 11/06/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5807733

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE: ASSIGNMENT		

CONVEYING PARTY DATA

Name	Execution Date
FENG YUAN	09/03/2019
TAO MA	09/04/2019
QINGHUA YAN	09/03/2019

RECEIVING PARTY DATA

Name:	HUAWEI TECHNOLOGIES CO., LTD.	
Street Address:	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:	16283363

CORRESPONDENCE DATA

Fax Number:

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.

Email: alec.matsumoto@wbd-us.com, IPDocketing@wbd-us.com,

bstzkgsreport@wbd-us.com

Correspondent Name: WOMBLE BOND DICKINSON (US) LLP

Address Line 1: P.O. BOX 7037

Address Line 4: ATLANTA, GEORGIA 30357-0037

ATTORNEY DOCKET NUMBER:	10167P489	
NAME OF SUBMITTER:	KEVIN G. SHAO	
SIGNATURE:	/Kevin G. Shao/	
DATE SIGNED:	11/06/2019	

Total Attachments: 6

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PATENT 505760917 REEL: 050945 FRAME: 0175

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> PATENT REEL: 050945 FRAME: 0176

PATENT

Attorney Docket No. Client Reference No. 84780928US04

ASSIGNMENT

Whereas, We,

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

Qinghua Yan Huawei Administration Building Bantian, Longgang District Shenzhen, 518129, Guangdong P.R.CHINA: Tao Ma Huawei Administration Building Bantian, Longgang District Shenzhen, 518129, Guangdong P.R.CHINA; and

have invented and own a certain invention entitled:

METHOD AND APPARATUS FOR GENERATING ACL TABLE

for which invention we have executed an application (provisional or non-provisional) for a U.S. patent, which was filed on 2019-02-22 , under U.S. Application No. 16283363 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 petry 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	
making application for and obtaining original, continuation, continuation-in-part, division reissued, reexamined, and National phase patents of the U.S. or of any and all foreign count on the invention, and in enforcing any rights or chooses in action accruing as a result of supplications or patents, and by executing statements and other affidavits, it being understathat the foregoing covenant and agreement shall bind, and inure to the benefit of, the assistant legal representatives of all parties hereto.	lries uch ood
IN WITNESS WHEREOF, We have hereunder set our hands on the dates shown below.	
Date 2019, 9.3 Feng Yuan Feng Yuan	4-

Qinghua Yan

Date

PATENT

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In re Appln. of Yuan et al. Attorney Docket 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 h	nereunder set our hands on the dates shown below.		
Date			
	Feng Yuan		
Date Sep 4, 2019	Tao Ma Tao Ma		
Date			
	Qinghua Yan		

PATENT

Attorney Docker No. Client Reference No. 84780928US04

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In re Appin. of ruan et al.
Attorney Docket No.
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and legal representatives of all parties hereto.
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Date	<u> </u>	
		Feng Yuan
Date_		-
		Tao Ma
Date	Sep 03, 2019	Oinghua Yan
		Qinghua Yan