505432617 04/17/2019

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT5479417

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
WEIGUO TAN	09/28/2018
FANGSHAN WANG	02/13/2019

RECEIVING PARTY DATA

Name:	HUAWEI TECHNOLOGIES CO., LTD.	
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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16126056

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TTORNEY DOCKET NUMBER: HW 84750760US04	
NAME OF SUBMITTER:	GINA MARTINEZ
SIGNATURE:	/Gina Martinez/
DATE SIGNED:	04/17/2019

Total Attachments: 3

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> **PATENT** REEL: 048913 FRAME: 0645 505432617

Attorney Docket No. Client Reference No. 84750760US04

ASSIGNMENT

WHEREAS, WE,

Weiguo Tan Huawei Administration Building Bantian, Longgang District Shenzhen, 518129, Guangdong P.R.CHINA; and Fangshan Wang Huawei Administration Building Bantian, Longgang District Shenzhen, 518129, Guangdong P.R.CHINA.

have invented and own a certain invention entitled:

DATA PROCESSING METHOD AND RELATED DEVICE, AND SYSTEM

for which invention we have executed an application (provisional or non-provisional) for a U.S. patent, which was filed on 2018-09-10 , under U.S. Application No. 16126056 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 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

PATENT REEL: 048913 FRAME: 0646

In re Appln. of Tan et al. Attorney Docket No.	
that the foregoing covenant and agree and legal representatives of all parties	ement shall bind, and inure to the benefit of, the assigns hereto.
IN WITNESS WHEREOF, We have	e hereunder set our hands on the dates shown below.
DateSep 28, 2018	Weiguo Tan
Date	Weiguo Tan
The state of the s	Fangshan Wang

In re Appln. of Tan et al. Attorney Docket No	
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IN WITNESS WHEREOF, We have h	ereunder set our hands on the dates shown below.
Date	Weiguo Tan
Date 2919. 2.13	Fangslan Warf Fanoshan Wang