PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

CONVEYING PARTY DATA

Name	Execution Date
KAIPAN	06/15/2020
HE LI	08/09/2021
JING CHEN	06/15/2020
LI HU	06/22/2020

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:	16522278

CORRESPONDENCE DATA

Fax Number: (877)769-7945

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:
 858-678-5070

 Email:
 apsi@fr.com

Correspondent Name: FISH & RICHARDSON P.C. (HUAWEI TECHNOLOGIES)

Address Line 1: P.O. BOX 1022

Address Line 4: MINNEAPOLIS, MINNESOTA 55440-1022

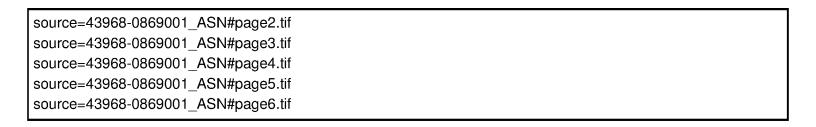
ATTORNEY DOCKET NUMBER: 43968-0869001		
NAME OF SUBMITTER:	JOHN GUSTAV-WRATHALL	
SIGNATURE:	/John Gustav-Wrathall/	
DATE SIGNED:	08/09/2021	

Total Attachments: 6

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PATENT REEL: 057124 FRAME: 0536

506808631



Attorney Docket No. 43968-0869001 Client Reference No. 85310240US04

ASSIGNMENT

WHEREAS, WE,

Kai Pan He Li
Huawei Administration Building Huawei Administration Building

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

P.R.CHINA; and

Jing Chen Li Hu

Huawei Administration Building Bantian, Longgang District

Shenzhen, 518129, Guangdong

P.R.CHINA; and

Shenzhen, 518129, Guangdong P.R.CHINA; and

Bantian, Longgang District

Huawei Administration Building

Bantian, Longgang District Shenzhen, 518129, Guangdong

P.R.CHINA:

have invented and own a certain invention entitled:

METHOD, APPARATUS, AND SYSTEM FOR PROTECTING DATA

for which invention we have executed an application (provisional or non-provisional) for a U.S. patent, which was filed on 2019-07-25, under U.S. Application No. 16522278 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 Appln. of Pan et al. Attorney Docket No. <u>43968-0869001</u>

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_2020.6.15	<u>Lai Pan</u> Kai Pan	
Date	TT., T 2	
Date2020.6.15	He Li Jing CHBN Jing Chen	
Date	Li Ha	

Attorney Docket No. <u>43968-086</u>9001 Client Reference No. 85310240US04

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Kai Pan He Li

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

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

Jing Chen Li Hu

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Shenzhen, 518129, Guangdong
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In re Appln. of Pan et al. Attorney Docket No. 43968-0869001

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.

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Date			
		Kai Pan	
Date	7021.8.9	Hell	
		He Li	
Date			
	, , , , , , , , , , , , , , , , , , ,	Jing Chen	
Date			
T-SECRE.		Li Hu	

Attorney Docket No. 43968-0869001 Client Reference No. 85310240US04

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Date				
			Kai Pan	
Date		- page of the later of the late		
			He Li	
Date		BANKANA - Y 7 D KO K DARAKA AMARAN		~~~
			Jing Chen	
	art.		1 11	
Date	Jun. 22	2020	Li Hu	
		*	I i Hu	