

PATENT ASSIGNMENT COVER SHEET

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Stylesheet Version v1.2

EPAS ID: PAT6829035

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Dandan LIANG	07/23/2021
Ming GAN	04/01/2021
Xin ZUO	07/22/2021
Yunbo LI	03/31/2021
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:	17181536
CORRESPONDENCE DATA	
Fax Number:	(877)769-7945
<i>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.</i>	
Phone:	+1 (214) 292-4048
Email:	witzel@fr.com
Correspondent Name:	HAOLIANG CHEN
Address Line 1:	FISH & RICHARDSON P.C.
Address Line 2:	P.O.BOX 1022
Address Line 4:	MINNEAPOLIS, MINNESOTA 55440-1022
ATTORNEY DOCKET NUMBER:	43968-1506001
NAME OF SUBMITTER:	JUDITH A. WITZEL
SIGNATURE:	/Judith A. Witzel/
DATE SIGNED:	07/23/2021
Total Attachments: 8	

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ASSIGNMENT

WHEREAS, WE,

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

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

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

Yunbo Li
Huawei Administration Building
Bantian, Longgang District
Shenzhen, 518129, Guangdong
P.R.CHINA;

have invented and own a certain invention entitled:

METHOD AND APPARATUS FOR IMPLEMENTING COLLISION DETECTION IN DATA TRANSMISSION

for which invention we have executed an application (provisional or non-provisional) for a U.S. patent, which was filed on 2021-02-22, under U.S. Application No. 17181536 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 Liang et al.
Attorney Docket No. 43968-1506001

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 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 Jul 23, 2021

Dandan Liang
Dandan Liang

Date _____

Ming Gan

Date _____

Xin Zuo

Date _____

Yunbo Li

PATENT

Attorney Docket No. 43968-1506001
Client Reference No. 85807069US04

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IN WITNESS WHEREOF, We have hereunder set our hands on the dates shown below.

Date _____
Dandan Liang

Date 2021-04-01
MING GAN
Ming Gan

Date _____
Xin Zuo

Date _____
Yunbo Li

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IN WITNESS WHEREOF, We have hereunder set our hands on the dates shown below.

Date _____

Dandan Liang

Date _____

Ming Gan

Date 07/22/2021

Xin Zuo

Xin Zuo

Date _____

Yunbo Li

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Date _____
Dandan Liang

Date _____
Ming Gan

Date _____
Xin Zuo

Date March, 31. 2021
Yunbo Li