

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT6508303

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
YANJIANG YANG	11/26/2020
ZHUO WEI	11/26/2020
HSIAO-YING LIN	11/26/2020
HE WEI	11/26/2020
JUNQIANG SHEN	03/23/2018
RECEIVING PARTY DATA	
Name:	HUAWEI INTERNATIONAL PTE. LTD.
Street Address:	51, CHANGI BUSINESS PARK CENTRAL 2
Internal Address:	#07-08, THE SIGNATURE
City:	SINGAPORE
State/Country:	SINGAPORE
Postal Code:	486066
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	17085878
CORRESPONDENCE DATA	
Fax Number:	(312)616-5700
<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:	(312) 616-5600
Email:	assignments@leydig.com
Correspondent Name:	LEYDIG, VOIT & MAYER, LTD.
Address Line 1:	TWO PRUDENTIAL PLAZA, SUITE 4900
Address Line 2:	180 NORTH STETSON AVENUE
Address Line 4:	CHICAGO, ILLINOIS 60601-6731
ATTORNEY DOCKET NUMBER:	HW751021
NAME OF SUBMITTER:	KAJAL AMIN
SIGNATURE:	/Kajal Amin/
DATE SIGNED:	01/21/2021

Total Attachments: 6

source=Assignment#page1.tif

source=Assignment#page2.tif

source=Assignment#page3.tif

source=Assignment#page4.tif

source=Assignment#page5.tif

source=Assignment#page6.tif

PATENT

REEL: 054988 FRAME: 0345

ASSIGNMENT

WHEREAS, WE,

Yanjiang Yang
North Buona Vista Drive #17-08
The Metropolis Tower 2,
singapore 138589, Singapore; and

Zhuo Wei
North Buona Vista Drive #17-08
The Metropolis Tower 2,
singapore 138589, Singapore; and

Hsiao-Ying LIN
North Buona Vista Drive #17-08
The Metropolis Tower 2,
singapore 138589, Singapore; and

He Wei
Huawei Administration Building,
Bantian, Longgang District,
Shenzhen, Guangdong 518129, P.
R. China; and

Junqiang Shen
Huawei Administration Building,
Bantian, Longgang District,
Shenzhen, Guangdong 518129, P.
R. China.

have invented and own a certain invention entitled:

VEHICLE-MOUNTED DEVICE UPGRADE METHOD AND RELATED DEVICE

for which invention we have executed an application (provisional or non-provisional) for a U.S. patent, which was filed on 2020-10-30, under U.S. Application No. 17085878 and

WHEREAS, Huawei International Pte. Ltd., 51, Changi Business Park Central 2, #07-08, The Signature, Singapore 486066, 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.

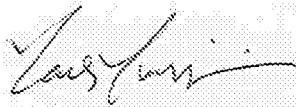
WE HEREBY AUTHORIZE the Assignee to insert in this assignment document the filing date and application number of the application if the date and number are unavailable at the time this document is executed.

In re Appln. of Yang et al.
Attorney Docket No. HW751021

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 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 2020.11.26



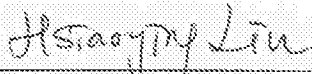
Yanjiang Yang

Date 2020 11.26



Zhuo Wei

Date 2020.11.26



Hsiao-Ying LIN

Date _____

He Wei

Date _____

Junqiang Shen

ASSIGNMENT

WHEREAS, WE,

Yanjiang Yang
North Buona Vista Drive #17-08
The Metropolis Tower 2,
singapore 138589, Singapore; and

Zhuo Wei
North Buona Vista Drive #17-08
The Metropolis Tower 2,
singapore 138589, Singapore; and

Hsiao-Ying LIN
North Buona Vista Drive #17-08
The Metropolis Tower 2,
singapore 138589, Singapore; and

He Wei
Huawei Administration Building,
Bantian, Longgang District,
Shenzhen, Guangdong 518129, P.
R. China; and

Junqiang Shen
Huawei Administration Building,
Bantian, Longgang District,
Shenzhen, Guangdong 518129, P.
R. China.

have invented and own a certain invention entitled:

VEHICLE-MOUNTED DEVICE UPGRADE METHOD AND RELATED DEVICE

for which invention we have executed an application (provisional or non-provisional) for a U.S. patent, which was filed on 2020-10-30, under U.S. Application No. 17085878 and

WHEREAS, Huawei International Pte. Ltd., 51, Changi Business Park Central 2, #07-08, The Signature, Singapore 486066, 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.

In re Appln. of Yang et al.
Attorney Docket No. HW751021

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 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 _____

Yanjiang Yang

Date _____

Zhuo Wei

Date _____

Hsiao-Ying LIN

Date Nov 26, 2020

He Wei

He Wei

Date _____

Junqiang Shen

ASSIGNMENT

WHEREAS, WE,

Yanjiang Yang
North Buona Vista Drive #17-08
The Metropolis Tower 2,
singapore 138589, Singapore; and

Zhuo Wei
North Buona Vista Drive #17-08
The Metropolis Tower 2,
singapore 138589, Singapore; and

Hsiao-Ying LIN
North Buona Vista Drive #17-08
The Metropolis Tower 2,
singapore 138589, Singapore; and

He Wei
Huawei Administration Building,
Bantian, Longgang District,
Shenzhen, Guangdong 518129, P.
R. China; and

Junqiang Shen
Huawei Administration Building,
Bantian, Longgang District,
Shenzhen, Guangdong 518129, P.
R. China.

have invented and own a certain invention entitled:

VEHICLE-MOUNTED DEVICE UPGRADE METHOD AND RELATED DEVICE

for which invention we have executed an application (provisional or non-provisional) for a U.S. patent, which was filed on October 3, 2020, under U.S. Application No. 17/085,878 and

WHEREAS, Huawei International Pte. Ltd., 51, Changi Business Park Central 2, #07-08, The Signature, Singapore 486066, 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.

In re Appln. of Yang et al.
Attorney Docket No. HW751021

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 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 _____

Yanjiang Yang

Date _____

Zhuo Wei

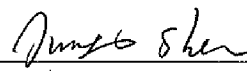
Date _____

Hsiao-Ying LIN

Date _____

He Wei

Date March 23, 2018



Junqiang Shen