PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
CHANGCHUN XU	04/20/2020
YUANYUAN WANG	04/29/2020
JIN ZHANG	04/30/2020
YAN WANG	04/21/2020

RECEIVING PARTY DATA

Name:	HUAWEI TECHNOLOGIES CO., LTD.
Street Address:	HUAWEI ADMINISTRATION BUILDING, BANTIAN
Internal Address:	LONGGANG DISTRICT, GUANGDONG
City:	SHENZHEN
State/Country:	CHINA
Postal Code:	518129

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16285898

CORRESPONDENCE DATA

Fax Number: (972)732-9218

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Correspondent Name: SLATER MATSIL, LLP Address Line 1: 17950 PRESTON RD

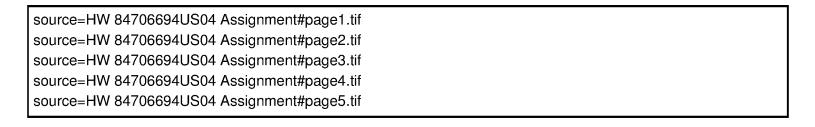
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Total Attackments, 5	
DATE SIGNED:	04/30/2020
SIGNATURE:	/Gina Martinez/
NAME OF SUBMITTER:	GINA MARTINEZ
ATTORNEY DOCKET NUMBER:	HW 84706694US04

Total Attachments: 5

PATENT REEL: 052541 FRAME: 0860



PATENT REEL: 052541 FRAME: 0861

Attorney Docket No. Client Reference No. 84706694US04

ASSIGNMENT

WHEREAS, WE,

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

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

P.R.CHINA; and

Yuanyuan Wang

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

P.R.CHINA; and

Yan Wang

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

P.R.CHINA;

have invented and own a certain invention entitled:

NETWORK MANAGEMENT METHOD AND CONTROLLER

for which invention we have executed an application (provisional or non-provisional) for a U.S. 2019-02-26, under U.S. Application No. 16285898 and patent, which was filed on

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

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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 hereunder set our hands on the dates shown below.

Date 2020.4.20	changchun XU
	Changchun Xu
Date	
	Yuanyuan Wang
Date	
`	Jin Zhang
Date	
	Yan Wang

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making application for and obtaining origin reissued, reexamined, and National phase par on the invention, and in enforcing any rights applications or patents, and by executing sta	ssignment, and render all necessary assistance in hal, continuation, continuation-in-part, divisional, tents of the U.S. or of any and all foreign countries s or chooses in action accruing as a result of such attements and other affidavits, it being understood shall bind, and inure to the benefit of, the assigns of
IN WITNESS WHEREOF, We have hereu	under set our hands on the dates shown below.
Date	Changchun Xu
Date 2020.4.29	Yuanyuan Wang Yuanyuan Wang
Date	Jin Zhang

Yan Wang

Date_

Attorney Docket No.	
making application for and obtaining original reissued, reexamined, and National phase part on the invention, and in enforcing any right applications or patents, and by executing st	ssignment, and render all necessary assistance in nal, continuation, continuation-in-part, divisional, atents of the U.S. or of any and all foreign countries ts or chooses in action accruing as a result of such tatements and other affidavits, it being understood shall bind, and inure to the benefit of, the assigns o.
IN WITNESS WHEREOF, We have here	under set our hands on the dates shown below.
Date	Changchun Xu
Date	
	Yuanyuan Wang
Date Apr. 30, 2020	Jin Zhang Jin Zhang
Date	Yan Wang

In re Appln. of Xu et al.

In re Appln. of Xu 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 h	ave hereunder set our hands on the dates shown below.
Date	Changchun Xu
Date	Yuanyuan Wang

Jin Zhang

Date

Date April 21, 2020 Yan Wang Yan Wang