

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT5436128

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
JIANTAO XUE	03/18/2019
WEI ZHU	03/20/2019
BIN SU	03/18/2019
JIE CUI	03/18/2019
ANJIAN LI	03/18/2019
HONG LI	03/18/2019
RECEIVING PARTY DATA	
Name:	HUAWEI TECHNOLOGIES CO., LTD.
Street Address:	HUAWEI ADMINISTRATION BUILDING
Internal Address:	BANTIAN, LONGGANG DISTRICT
City:	SHENZHEN
State/Country:	CHINA
Postal Code:	518129
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16022505
CORRESPONDENCE DATA	
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Phone:	972-628-3600
Email:	patents@munckwilson.com
Correspondent Name:	DOCKET CLERK/HTLC
Address Line 1:	P.O. DRAWER 800889
Address Line 4:	DALLAS, TEXAS 75380
ATTORNEY DOCKET NUMBER:	HUAW08-72776
NAME OF SUBMITTER:	ROBERT D. MCCUTCHEON
SIGNATURE:	/ROBERT D. MCCUTCHEON/
DATE SIGNED:	03/22/2019

Total Attachments: 4

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ASSIGNMENT

WHEREAS, WE,

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

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

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

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

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

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

have invented and own a certain invention entitled:

POSITIONING METHOD BASED ON TIME DIFFERENCE OF ARRIVAL, USER EQUIPMENT, AND NETWORK DEVICE

for which invention we have executed an application (provisional or non-provisional) for a U.S. patent, which was filed on 2018-06-28, under U.S. Application No. 16022505 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.

In re Appln. of Xue et al.
Attorney Docket No. _____

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 Mar 18, 2019

Jiantao Xue
Jiantao Xue

Date _____

Wei Zhu

Date Mar 18, 2019

Bin Su
Bin Su

Date Mar 18, 2019

Jie Cui
Jie Cui

Date Mar 18, 2019

Anjian Li
Anjian Li

Date Mar 18, 2019

Hong Li
Hong Li

ASSIGNMENT**WHEREAS, WE,**

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

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Huawei Administration Building
Bantian, Longgang District
Shenzhen, 518129, Guangdong
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IN WITNESS WHEREOF, We have hereunder set our hands on the dates shown below.

Date _____
Jiantao Xue

Date 2019-3-20
Wei Zhu
Wei Zhu

Date _____
Bin Su

Date _____
Jie Cui

Date _____
Anjian Li

Date _____
Hong Li