

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
CHENGJIE WANG	07/24/2018
JILIN LI	07/24/2018
YANDAN ZHAO	07/24/2018
HUI NI	07/24/2018
YABIAO WANG	07/24/2018
LING ZHAO	07/25/2018
RECEIVING PARTY DATA	
Name:	TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED
Street Address:	35/F, TENCENT BUILDING, KEJIZHONGYI ROAD
Internal Address:	MIDWEST DISTRICT OF HI-TECH PARK, NANSHAN DISTRICT
City:	SHENZHEN
State/Country:	CHINA
Postal Code:	518057
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16222941
CORRESPONDENCE DATA	
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NAME OF SUBMITTER:	YALEI SUN
SIGNATURE:	/Yalei Sun/
DATE SIGNED:	02/07/2019

Total Attachments: 4

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ASSIGNMENT

WHEREAS, WE, **Chengjie WANG**, citizen of China, residing in Shenzhen, CN; **Jilin LI**, citizen of China, residing in Shenzhen, CN; **Yandan ZHAO**, citizen of China, residing in Shenzhen, CN; **Hui NI**, citizen of China, residing in Shenzhen, CN; **Yabiao WANG**, citizen of China, residing in Shenzhen, CN; and **Ling ZHAO**, citizen of China, residing in Shenzhen, CN, ASSIGNORS, are the inventors of the invention in **KEY POINT POSITIONING METHOD, TERMINAL, AND COMPUTER STORAGE MEDIUM**, described in an application for a Patent of the United States

- ☒ which is executed on ☒ even date herewith
☒ which is identified by Morgan, Lewis & Bockius LLP docket no. 031384-5729-US
☐ which was filed on _____, Application No. _____
☐ which claims priority on U.S. Provisional Patent Application No(s). _____
☒ We hereby authorize and request our attorney, **Yalei Sun**, of Morgan, Lewis & Bockius LLP, to insert here in parenthesis (Application number 16/222,941, filed December 17, 2018) the filing date and application number of said application when known.

and WHEREAS, **TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED**, ASSIGNEE, having a place of business at 35/F, Tencent Building, Kejizhongyi Road, Midwest District of Hi-tech Park, Nanshan District, Shenzhen, P. R. China 518057, is desirous of obtaining our entire right, title and interest in, to and under the said invention and the said application:

NOW, THEREFORE, let it be known that for and in consideration of the sum of One Dollar (\$1.00) to me paid, and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, we, the said ASSIGNORS, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, our entire right, title and interest in, to and under the said invention, and the said United States application and all divisions, renewals and continuations thereof, and any substitute applications therefore, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; the said United States provisional patent application(s), if any, on which the said United States application claims priority; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application and said United States provisional patent application(s), if any, under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof;

AND WE HEREBY authorize and request the Commissioner of Patents and Trademarks of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant and agree that we have full right to convey the entire interest herein assigned, and that we have not executed, and will not execute, any agreement in conflict herewith.

AND WE HEREBY further covenant and agree that we will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to us respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue and foreign applications, make all rightful oaths, and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries.

IN TESTIMONY WHEREOF, We hereunto set our hands and seals the day and year set opposite our respective signatures.

Date _____ L.S.
Chengjie WANG

Date _____ L.S.
Jilin LI

Date _____ L.S.
Yandan ZHAO

Date _____ L.S.
Hui NI

Date _____ L.S.
Yabiao WANG

Date 2018.7.25 _____ L.S.
Ling ZHAO

IN TESTIMONY WHEREOF, We hereunto set our hands and seals the day and year set opposite of respective signatures.

Date _____
Chengjie WANG L.S.

Date _____
Jilin LI L.S.

Date 2018-7-20
Yandan ZHAO L.S.
Yandan ZHAO

Date _____
Hui NI L.S.

Date _____
Yabiao WANG L.S.

Date _____
Ling ZHAO L.S.

IN TESTIMONY WHEREOF, We hereunto set our hands and seals the day and year set opposite our respective signatures.

Date 2018-7-24 Chengjie WANG L.S.
Chengjie WANG

Date 2018-7-24 Jilin LI L.S.
Jilin LI

Date _____ Yandan ZHAO L.S.
Yandan ZHAO

Date 2018-7-24 Hui NI L.S.
Hui NI

Date 2018-7-24 Yabiao WANG L.S.
Yabiao WANG

Date _____ Ling ZHAO L.S.
Ling ZHAO