506657008 05/11/2021

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6703820

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	CONFIRMATORY ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
XIN ZHAO	03/15/2021
XIANG LI	03/12/2021
SHAN LIU	03/12/2021

RECEIVING PARTY DATA

Name:	TENCENT AMERICA LLC	
Street Address:	2747 PARK BOULEVARD	
City:	PALO ALTO	
State/Country:	CALIFORNIA	
Postal Code:	94306	

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	16799358	

CORRESPONDENCE DATA

Fax Number: (703)413-2220

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.

Phone: (703) 413-3000 Email: acooley@oblon.com OBLON, ET AL. **Correspondent Name:** Address Line 1: 1940 DUKE STREET

Address Line 4: ALEXANDRIA, VIRGINIA 22314

ATTORNEY DOCKET NUMBER:	524675US
NAME OF SUBMITTER:	ALI COOLEY
SIGNATURE:	/Ali Cooley/
DATE SIGNED:	05/11/2021

Total Attachments: 9

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CONFIRMATORY ASSIGNMENT

WHEREAS, Xin ZHAO, Xiang LI, and Shan LIU (hereinafter referred to as "ASSIGNORS") are inventors of the inventions described and/or claimed in the below listed applications:

APPLICATION NUMBER

FILING DATE (M/D/Y)

62/809,677

02/24/2019

WHEREAS, Tencent America LLC of 2747 Park Boulevard, Palo Alto, CA 94306, a corporation organized and existing under the laws of the Country of the United States of America (hereinafter referred to as "ASSIGNEE"), after good and valuable consideration, acquired the entire right, title and interest in and to said above-mentioned applications in accordance with the AGREEMENTS effective 04/04/2019, 04/07/2019, and 04/04/2019 (hereinafter referred to as the "AGREEMENTS"), said AGREEMENTS incorporated herein by reference, said AGREEMENTS recorded for Provisional Application No. 62/809,677 and granting all rights to the inventions described in Provisional Application No. 62/809,677 in the United States, its territories, all foreign countries and pursuant to any pertinent international conventions and treaties, including the right to claim priority to Provisional Application No. 62/809,677.

NOW, THEREFORE, I (WE) by these presents hereby confirm(s) that the intent of the AGREEMENTS and the effect of the AGREEMENTS was to sell, assign and transfer unto ASSIGNEE, effective as of the date of the AGREEMENTS, the entire right, title and interest for the territory of the United States of America and all foreign countries (including the right to claim priority under the terms of the

International Convention and other relevant International Treaties and Arrangements), in and to the aforesaid Letters Patent and/or applications for Letters Patent, the inventions described therein, any and all divisions, continuations, reissues, substitutions and renewals thereof, including any non-provisional applications based on, in part or in whole, and claiming priority to, Provisional Application No. 62/809,677, and to any and all Letters Patent which have granted or may be granted therefor, said inventions and letters patent to be held and enjoyed by the ASSIGNEE, and for the use and benefit of said ASSIGNEE, and for the use and benefit of their successors, assigns or other legal representatives, to the full end of the term for which said Letters Patent have been granted or reissues may be granted, and for claims for damage by reasons of infringement past and present, as fully and entirely as the same would have been held by ASSIGNORS had the AGREEMENTS and sale not been made.

I (We) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of the entire right, title, and interest in and to the same.

Further, I (we) agree that I (we) will communicate to said ASSIGNEE or its representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the firm of Oblon, McClelland, Maier &

Neustadt, L.L.P. of 1940 Duke Street, Alexandria, Virginia 22314 the power to insert

on this assignment any further identification, including the application number and

filing date, which may be necessary or desirable in order to comply with the rules of

the United States Patent and Trademark Office for recordation of this document.

This assignment executed on the dates indicated below.

Date: 03/15/2021	By:_	Xin Zhao Name: Xin ZHAO Title:
Date:	By:_	Name: Xiang LI Title:
Date:	By:_	Name: Shan LIU

CONFIRMATORY ASSIGNMENT

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filing date, which may be necessary or desirable in order to comply with the rules of

the United States Patent and Trademark Office for recordation of this document.

This assignment executed on the dates indicated below.

Date:	By:Name: Xin ZHAO Title:
Date: <u>3/12/2021</u>	By: Name: Xiang LI Title:
Date:	By: Name: Shan LIU

Title:

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APPLICATION NUMBER

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the United States Patent and Trademark Office for recordation of this document.

This assignment executed on the dates indicated below.

Date:	Ву:
	Name: Xin ZHAO Title:
Date:	Ву:
<u></u>	Name: Xiang LI Title:
Date: 2021-03-12	By: Shan Liu
	Name: Shan LIU

RECORDED: 05/11/2021

Title: