PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT6853816

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
LUOHAI ZHENG	03/05/2021
JIGUANG LU	03/05/2021
WANGSHENG ZHOU	03/05/2021
JIANJUN ZHANG	03/04/2021
JUNJIE SHI	03/05/2021
HUJIA CHEN	03/05/2021
JUN ZANG	03/05/2021
CHUANBING DAI	03/04/2021
QING QIN	03/04/2021
YIGE CAI	03/08/2021

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, GUANGDONG
State/Country:	CHINA
Postal Code:	518057

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17200594

CORRESPONDENCE DATA

Fax Number: (650)843-4001

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: 6508434000
Email: cheryl.rogers@morganlewis.com
Correspondent Name: YALEI SUN
Address Line 1: MORGAN, LEWIS & BOCKIUS
Address Line 2: 1400 PAGE MILL ROAD
Address Line 4: PALO ALTO, CALIFORNIA 94304

ATTORNEY DOCKET NUMBER:	031384-7089-US
NAME OF SUBMITTER:	YALEI SUN
SIGNATURE:	/Yalei Sun/
DATE SIGNED:	08/08/2021

Total Attachments: 11

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Client Docket No. 20PCT001/US
Morgan Lewis Docket No. 031384-7089-US

COMBINED ASSIGNMENT & DECLARATION

ASSIGNMENT

WHEREAS，I hereinafter called the "Assignor", has made the invention described in the United States patent application entitled **METHODS, SYSTEMS, AND DEVICES FOR ELECTRONIC NOTE IDENTIFIER ALLOCATION AND ELECTRONIC NOTE GENERATION**, executed by Assignor on the same date as, or on a date prior to, this Assignment;

WHEREAS, Tencent Technology (Shenzhen) Company Limited, a corporation organized and existing under the laws of P. R. China, having a place of business at 35/F, Tencent Building, Kejizhongyi Road, Midwest District of Hi-tech Park, Nanshan District, Shenzhen, Guangdong, 518057, P. R. China, hereinafter called the "Assignee", desires to acquire the entire right, title and interest in and to the invention and the patent application identified above, and all patents which may be obtained for said invention, as set forth below;

NOW, THEREFORE, be it known that, for good and valuable consideration the receipt of which by the Assignor from Assignee is hereby acknowledged, the Assignor has sold, assigned and transferred, and by these presents does sell, assign and transfer to the Assignee, the entire right, title and interest for the United States in and to the invention and the patent application identified above, and any patents that may issue for said invention in the United States; together with the entire right, title and interest in and to said invention and all patent applications and patents issuing therefrom in all countries foreign to the United States, including the full right to claim for any such application all benefits and priority rights under any applicable convention; together with the entire right, title and interest in and to all continuations, divisions, renewals and extensions of any of the patent applications and patents defined above; together with the right to recover all damages, including, but not limited to, a reasonable royalty, by reason of past, present, or future infringement or any other violation of patent or patent application rights; to have and to hold for the sole and exclusive use and benefit of the Assignee, its successors and assigns, to the full end of the term or terms for all such patents.

The Assignor hereby covenants and agrees, for both the Assignor and the Assignor's legal representatives, that the Assignor will assist the Assignee in the prosecution of the patent application identified above; in the making and prosecution of any other patent applications that the Assignee may elect to make covering the invention identified above; in vesting in the Assignee like exclusive title in and to all such other patent applications and patents; and that the Assignor will execute and deliver to the Assignee any and all additional papers which may be requested by the Assignee to carry out the terms of this Assignment.

The Commissioner of Patents and Trademarks is hereby authorized and requested to issue patents to the Assignee in accordance with the terms of this Assignment.

IN TESTIMONY WHEREOF, the Assignor has executed this agreement.

DECLARATION

As the below-named inventor, I hereby declare that:

This Declaration is directed to the attached application. I have reviewed and understand the contents of the above-identified patent application including the claims, and I believe that I am the original inventor or an original joint inventor of a claimed invention in the above-identified patent application. The above-identified patent application was made or authorized to be made by me.

I acknowledge my duty to disclose to the United States Patent and Trademark Office all information that I know to be material to the patentability of this application as defined in 37 C.F.R. § 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby acknowledge that any willful false statement made in this Declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

Further, I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. § 1001 and that such willful false statements may jeopardize the validity of the application and any patent issued thereon.

Date 2021.03.05 Luohai ZHENG L.S.
Luohai ZHENG

Date .... L.S.
Jiguang LU

Date .... L.S.
Wangsheng ZHOU

Date .... L.S.
Jianjun ZHANG

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Date ____________ ____________ L.S.
Luohai ZHENG

Date 2021.3.5 Jiguang Lu L.S.
Jiguang LU

Date ____________ ____________ L.S.
Wangsheng ZHOU

Date ____________ ____________ L.S.
Jianjun ZHANG

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Date ____________________ ____________________ L.S.
Luohai ZHENG

Date ____________________ ____________________ L.S.
Jiguang LU

Date 2021.03.05 Wangsheng ZHOU L.S.
Wangsheng ZHOU

Date ____________________ ____________________ L.S.
Jianjun ZHANG

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DECLARATION

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Date ______________ ______________ L.S.
Luohai ZHENG

Date ______________ ______________ L.S.
Jiguang LU

Date ______________ ______________ L.S.
Wangsheng ZHOU

Date 2021.3.4 Jianjun ZHANG L.S.
Jianjun ZHANG

Date 2021.03.05 Junjie SHI L.S.
Junjie SHI

Date ______ ______ L.S.
Hujia CHEN

Date ______ ______ L.S.
Jun ZANG

Date ______ ______ L.S.
Chuanbing DAI

Date ______ ______ L.S.
Qing QIN

Date ______ ______ L.S.
Yige CAI

Date ______________________ ______________________ L.S.
Junjie SHI

Date 2021.3.5 Hujia CHEN L.S.
Hujia CHEN

Date ______________________ ______________________ L.S.
Jun ZANG

Date ______________________ ______________________ L.S.
Chuanbing DAI

Date ______________________ ______________________ L.S.
Qing QIN

Date ______________________ ______________________ L.S.
Yige CAI

Date ______________________ ______________________ L.S.
Junjie SHI

Date ______________________ ______________________ L.S.
Hujia CHEN

Date 2021.3.5 Jun ZANG L.S.
Jun ZANG

Date ______________________ ______________________ L.S.
Chuanbing DAI

Date ______________________ ______________________ L.S.
Qing QIN

Date ______________________ ______________________ L.S.
Yige CAI

Date ____________________ ____________________ L.S.
Junjie SHI

Date ____________________ ____________________ L.S.
Hujia CHEN

Date ____________________ ____________________ L.S.
Jun ZANG

Date 2021.03.04 Chuanbing Dai L.S.
Chuanbing DAI

Date ____________________ ____________________ L.S.
Qing QIN

Date ____________________ ____________________ L.S.
Yige CAI

Date ______________________ ______________________________ L.S.
Junjie SHI

Date ______________________ ______________________________ L.S.
Hujia CHEN

Date ______________________ ______________________________ L.S.
Jun ZANG

Date ______________________ ______________________________ L.S.
Chuanbing DAI

Date 2021.3.4. Qing Qin. L.S.
Qing QIN

Date ______________________ ______________________________ L.S.
Yige CAI

Date ____________ ____________ L.S.
Junjie SHI

Date ____________ ____________ L.S.
Hujia CHEN

Date ____________ ____________ L.S.
Jun ZANG

Date ____________ ____________ L.S.
Chuanbing DAI

Date ____________ ____________ L.S.
Qing QIN

✓ Date 2021.3.8 ✓ Yige Cai L.S.
Yige CAI