PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Wenyu Yang	08/09/2021
Renhui Yang	08/09/2021
Qin Liu	08/09/2021
Yuan Chen	08/09/2021
Shubo Li	08/09/2021
Sheng Zhang	08/09/2021
Qin Xiong	08/09/2021

RECEIVING PARTY DATA

Name:	ALIPAY (HANGZHOU) INFORMATION TECHNOLOGY CO., LTD.
Street Address:	556 XIXI ROAD, 8TH FLOOR, SECTION B, STE 801-811
City:	WEST LAKE DISTRICT, HANGZHOU, ZHEJIANG
State/Country:	CHINA
Postal Code:	310000

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17359476

CORRESPONDENCE DATA

Fax Number: (877)769-7945

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: +1 (858) 678-4372

Email: nagle@fr.com, apsi@fr.com

Correspondent Name: JIA ZHONG

Address Line 1: FISH & RICHARDSON P.C.

Address Line 2: P.O.BOX 1022

Address Line 4: MINNEAPOLIS, MINNESOTA 55440-1022

ATTORNEY DOCKET NUMBER:	49438-0163001/A29396US
NAME OF SUBMITTER:	SARAH NAGLE
SIGNATURE:	/Sarah Nagle/
DATE SIGNED:	09/03/2021

506854188 PATENT REEL: 057385 FRAME: 0305

Total Attachments: 8 source=A29396US_Assignment#page1.tif source=A29396US_Assignment#page2.tif source=A29396US_Assignment#page3.tif source=A29396US_Assignment#page4.tif source=A29396US_Assignment#page5.tif source=A29396US_Assignment#page6.tif source=A29396US_Assignment#page7.tif source=A29396US_Assignment#page8.tif

PATENT REEL: 057385 FRAME: 0306

ASSIGNMENT and CONFIRMATION

For valuable consideration, the receipt of which acknowledge, and intending to be bound legally, we, WENYU YANG, RENHUI YANG, QIN LIU, YUAN CHEN, SHUBO LI, SHENG ZHANG, and QIN XIONG, individually assign to ALIPAY (HANGZHOU) INFORMATION TECHNOLOGY CO., LTD., a corporation formed under the laws of China and having a principal place of business at 556 Xixi Road, 8th Floor, Section B, Ste 801-11, West Lake District, Hangzhou, Zhejiang CHINA, 310000, and its successors, transferees, and assignees (collectively the "Assignee"), all of our individual, and if joint inventors also our joint, right, title, and interest throughout the world in the invention(s) (the "Subject Matter") of the below listed patent applications (collectively, the "Applications") that name the above inventor(s):

Patent application titled "TRUSTED EQUIPMENT-BASED DATA ACQUISITION METHOD, DEVICE AND APPARATUS" that was filed on September 4, 2020 as application CN202010921425.1;

Patent application titled "<u>DEMAND TRUSTED DEVICE-BASED DATA</u>

<u>ACQUISITION METHODS, APPARATUSES, AND DEVICES</u>" that claims priority to the above listed applications and was or will be filed in the United States Patent and Trademark Office on June 25, 2021, as application 17/359,476.

I (the singular in each instance hereafter meaning myself individually as well as, if joint inventors, we inventors jointly) authorize Assignee and its representative to insert any, and to make typographical corrections of, identification or other information in this Assignment and Confirmation (hereafter the "Assignment") that may be necessary or desirable in order to record this document any place in the world.

The Subject Matter of the Applications was developed as part of, and the forgoing assignment occurred on or before the earliest application filing date noted above by operation of my employment and/or agreements with Assignee. Should I have any remaining interest, I hereby assign and transfer as of said earliest application filing date any and all such right, title or interest I may have in said Subject Matter of the Applications to Assignee.

This Assignment assigns, in addition to the Subject Matter of the Applications, (a) the Applications and all other applications that may be made for, and all patents, utility models, design registrations, and other rights of exclusion and inventors' certificates for, any of the

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Subject Matter (collectively the "Applications and Granted Rights") in every country or region and under every treaty or convention, (b) the right to claim priority based on and the benefit of the filing date of any of the Applications and Granted Rights, including in continuations, continuations-in-part, continuing prosecution applications, requests for continuing examinations, divisions, reissues, reexaminations, extensions, registrations, and foreign counterparts under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other applicable treaties, national laws, patent office rules or conventions, and (c) the right to pursue, collect, and retain in the Assignee's name or otherwise, damages and any other remedies arising from any past, present, or future infringement of the Subject Matter, the Applications and Granted Rights, and any other rights assigned by this Assignment.

I authorize the Assignee to apply for and pursue protection for any or all of the Subject Matter, the Applications and Granted Rights, and any other rights assigned by this Assignment in all countries, regions, and territories of the world, in my name or in the Assignee's name.

I represent and warrant that I have the right and power to make this Assignment and that I have not made and will not make any other assignment that conflicts with this Assignment.

I acknowledge the duty to disclose information known to be material to patentability of the Subject Matter and will communicate to the Assignee (or, at the request of the Assignee to other parties) all known such information and all known facts in any form relating to the Subject Matter; will execute and provide all oaths and declarations, statements, testimony, assignments, powers of attorney, applications, and documents; and will perform all other lawful acts necessary or desirable to secure fully to the Assignee the rights, titles, and interests assigned by this Assignment.

Weryu Yang	Date: 2021.8.9
Wenyu Yang	

Rentwi Yang	Date: _2021.8.9
Renhui Yang	

	Attorney	Docket No:	49438-0163001	/ A29396US
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Qin Liu	Date: 2021.8.9
Qin Liu	

Yuan Chen	Date: 2021.8.9
Yuan Chen	

Attorney	Docket No.:	49438-0163001	/ A29396US
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Shubo Li	Date: 2021.8.9
Shubo Li	·

Streng Zhang	Date: 2021.8.9
Sheng Zhang	

Attorney	Docket No.:	49438-0163001	/ A29396US
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Qin Xiong	Date: 2021.8.9
Qin Xiong	

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