PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JIANQING ZHANG	06/29/2022
ZHENGQIN LUO	06/29/2022

RECEIVING PARTY DATA

Name:	BYTEDANCE INC.
Street Address:	12655 WEST JEFFERSON BOULEVARD
Internal Address:	SIXTH FLOOR, SUITE NO. 137
City:	LOS ANGELES
State/Country:	CALIFORNIA
Postal Code:	90066

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17585442

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	BYD-0092
NAME OF SUBMITTER:	ADAM SCHLOSSER
SIGNATURE:	/Adam Schlosser, 66,554/
DATE SIGNED:	12/08/2022

Total Attachments: 4

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> PATENT REEL: 062021 FRAME: 0643

Attorney Docket No.: BYD-0092-01-US / EIE216181US

We, <u>Jianqing Zhang and Zhengqin Luo</u> ("ASSIGNOR") are original joint inventors of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "METHOD AND APPARATUS FOR CONTROL OF DATA ACCESS" ("APPLICATION"), which was filed on November 5, 2021 and was given Application No. 202111306878.4 by the following Office "China National Intellectual Property Administration";

Bytedance Inc., a corporation organized and existing under and by virtue of the laws of the state of California, and having an office and place of business at 12655 West Jefferson Boulevard, Sixth Floor, Suite No. 137, Los Angeles, California 90066, United States of America, (hereinafter "Assignee"), on behalf of itself and its successors and assigns, is entitled to, and is desirous of acquiring, the entire and exclusive rights, title and interest in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom, such as continuing applications, in and for the United States, its territories, and all foreign countries ("APPLICATION DERIVATIVES"));

ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S LEGAL REPRESENTATIVES to insert the Application No., filing date, and Office into the following table for any APPLICATION DERIVATIVES after they are known;

Application No.	Filing Date	Office
	Titing Date	Office
17/585,442	26-JAN-2022	USPTO

For good and valuable consideration, the receipt of which is hereby acknowledged by the ASSIGNOR, the ASSIGNOR hereby sells, assigns and transfers to the ASSIGNEE, ASSIGNOR's entire and exclusive rights, title and interest in the INVENTION, and the APPLICATION (including APPLICATION DERIVATIVES and the right to claim priority from the APPLICATION);

Attorney Docket No.: BYD-0092-01-US / EIE216181US

ASSIGNOR agrees to execute all instruments and documents required for the making and prosecution of the APPLICATION (and APPLICATION DERIVATIVES), for litigation regarding letters patent derived therefrom, and for the purpose of protecting and perfecting title to the APPLICATION (and APPLICATION DERIVATIVES).

Inventor's Signature

Jianqing Zhang Date 29 June, 2022

张剑青

Printed Name in English Printed Name in Native Language

(if other than English)

Inventor's Signature

Zhengqin Luo Date

罗正钦

Printed Name in English Printed Name in Native Language

(if other than English)

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Attorney Docket No.: BYD-0092-01-US / EIE216181US

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PATENT REEL: 062021 FRAME: 0646

Attorney Docket No.: BYD-0092-01-US / EIE216181US

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Inventor's Signature	Date
Jianqing Zhang	张剑青
Printed Name in English	Printed Name in Native Language (if other than English)

5202 6/29/2022

Date

Inventor's Signature

Dace

Zhengqin Luo

RECORDED: 12/08/2022

Printed Name in English

罗正钦____

Printed Name in Native Language (if other than English)