

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT7485240

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	BEIJING ZITIAO NETWORK TECHNOLOGY CO., LTD.	07/11/2022
RECEIVING PARTY DATA		
Name:	BEIJING BYTEDANCE NETWORK TECHNOLOGY CO., LTD.	
Street Address:	ROOM B-0035, 2/F, NO. 3 BUILDING NO. 30,	
Internal Address:	SHIXING ROAD, SHIJINGSHAN DISTRICT	
City:	BEIJING	
State/Country:	CHINA	
Postal Code:	100041	
PROPERTY NUMBERS Total: 1		
	Property Type	Number
	Application Number:	17680160
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SIGNATURE:	/Adam Schlosser/	
DATE SIGNED:	08/15/2022	
Total Attachments: 4		
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ASSIGNMENT

WHEREAS, Beijing Zitiao Network Technology Co., Ltd., a corporation organized and existing under and by virtue of the laws of P.R. China (hereinafter "Assignor"), hereby sells, assigns, transfers, and conveys to:

Beijing Bytedance Network Technology Co., Ltd., a corporation organized and existing under and by virtue of the laws of China, and having an office and place of business at Room B-0035, 2/F, No.3 Building, No.30, Shixing Road, Shijingshan District, Beijing, 100041, P.R. China (hereinafter "Assignee") is desirous of acquiring the entire right, title and interest in and to Assignor's said inventions, improvements and applications and in and to the Letters Patent to be obtained listed in "Exhibit A," attached hereto.

NOW THEREFORE, to all whom it may concern, be it known that for good and valuable considerations, the receipt and sufficiency whereof is hereby acknowledged, Assignor has sold, assigned, and transferred, and by these presents do sell, assign and transfer unto said Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the aforesaid application, and the right(s) to claim priority thereto, and in and to the application, all patent applications based upon said application, all divisions, continuations, or renewals thereof, all Letters Patent which may be granted therefrom, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted therefrom; and Assignor hereby authorizes and requests the

Commissioner of Patents and Trademarks to issue any and all United States Letters Patent for the aforesaid inventions and improvements to the Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the Assignee, its successors and assigns.

AND, for the consideration aforesaid, Assignor hereby agrees that Assignor and its agent and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said Assignee, its successors and representatives all facts known to Assignor relating to said improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in said Assignee, its successors or assigns the entire right, title and interest in and to the improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

AND, furthermore Assignor covenants and agrees with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by us and that full right to convey the same as herein expressed is possessed by Assignor.

ASSIGNOR certifies that the person signing this assignment is a lawful representative of ASSIGNOR and is authorized to execute this assignment its behalf.

Read and approved this 11 day of July, 2022 by:

Signature of Assignor: Liyan Chen
Name: Liyan CHEN
Title: Authorized Legal Counsel
Beijing Zitiao Network Technology Co., Ltd.

Read and approved this 11 day of July, 2022 by:

Signature of Assignee: Liyan Chen
Name: Liyan CHEN
Title: Authorized Legal Counsel
Beijing Bytedance Network Technology Co., Ltd.

EXHIBIT A

Title	Application No.	Filing Date
DATA SECURITY PROTECTION SYSTEM	202111258238.0	October 27, 2021
METHOD, SYSTEM, APPARATUS AND DEVICE FOR DATA EXCHANGE	202111256545.5	October 27, 2021
METHOD, APPARATUS FOR MANAGING RECOMMENDATION POLICY	202111256520.5	October 27, 2021
METHOD AND APPARATUS FOR CONTROL OF DATA ACCESS	202111306878.4	November 5, 2021