

## PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
BEIJING BYTEDANCE NETWORK TECHNOLOGY CO., LTD.	09/10/2018
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	BEIJING KUAIMAJIABIAN TECHNOLOGY CO., LTD.
<b>Street Address:</b>	SHUANGJING INCUBATOR NO. 1576, 2F, BUILDING NO. 2, NO. 39,
<b>Internal Address:</b>	GUANGQU ROAD, CHAOYANG DISTRICT
<b>City:</b>	BEIJING
<b>State/Country:</b>	CHINA
<b>PROPERTY NUMBERS Total: 10</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	29663814
Application Number:	29663819
Application Number:	29663827
Application Number:	29663844
Application Number:	29663838
Application Number:	29663854
Application Number:	29663866
Application Number:	29663873
Application Number:	29663881
Application Number:	29663884
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(206)624-7317
<i>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.</i>	
<b>Phone:</b>	206-332-1380
<b>Email:</b>	assignments@bakerlaw.com
<b>Correspondent Name:</b>	BAKER & HOSTETLER LLP
<b>Address Line 1:</b>	999 THIRD AVENUE
<b>Address Line 2:</b>	SUITE 3600
<b>Address Line 4:</b>	SEATTLE, WASHINGTON 98104-4040
<b>ATTORNEY DOCKET NUMBER:</b>	112704.000058

PATENT

<b>NAME OF SUBMITTER:</b>	BARTH ZURKAMMER
<b>SIGNATURE:</b>	/Barth Zurkammer/
<b>DATE SIGNED:</b>	02/20/2019
<b>Total Attachments: 3</b> source=Assignment-BeijingBytedance_to_BeijingKuaimajiabian-Executed#page1.tif source=Assignment-BeijingBytedance_to_BeijingKuaimajiabian-Executed#page2.tif source=Assignment-BeijingBytedance_to_BeijingKuaimajiabian-Executed#page3.tif	

ASSIGNMENT

WHEREAS, **Beijing Bytedance Network Technology Co., Ltd.**, hereinafter referred to as the ASSIGNOR, a company of **Beijing**, having a place of business at **Jinritoutiao Post office, China Satellite Communications Tower, No.63, Zhichun Road, Haidian District, Beijing, P. R. China** is the owner of certain inventions or improvements for which applications for Letters Patent have been made or for which Letters Patent have been issued, all of which are listed on Attachment A hereto (hereafter Patent Property); and

WHEREAS, **Beijing Kuaimajiabian Technology Co., Ltd.**, hereinafter referred to as the ASSIGNEE, a company of **Beijing**, having a place of business at **Shuangjing Incubator No. 1576, 2F, Building No. 2, No. 39, Guangqu Road, Chaoyang District, Beijing, P.R. China** is desirous of acquiring the entire right, title and interest in and to the said Patent Property in any and all countries;

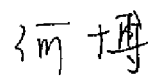
NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, and intending to be legally bound hereby, ASSIGNOR has sold, assigned, transferred and set over, and by these presents does hereby sell, assign, transfer and set over to said ASSIGNEE, the entire right, title and interest in and to said Patent Property and any and all continuations, divisions and renewals of and substitutes for said Patent Property and to and under any and all additional Letters Patent which may be granted on or as a result thereof in the United States and any and all other countries, and any reissue or reissues or extension or extensions of said Letters Patent, and the full right to sue for and recover damages recoverable for past infringement of the same, and for violations of provisional rights having arisen from any published application(s) for said Patent Property. ASSIGNOR further assigns to and authorizes said ASSIGNEE to file corresponding applications for Letters Patent in all countries, to be held and enjoyed by said ASSIGNEE, its successors, assigns, nominees or legal representatives, to the full end of the term or terms for which said Letters Patent respectively may be granted, reissued or extended, as fully and entirely as the same would have been held and enjoyed by ASSIGNOR had this assignment, sale and transfer not been made.

It is hereby covenanted that ASSIGNOR has full right to convey the entire interest herein assigned, and that ASSIGNOR has not executed and will not execute any agreement in conflict herewith, and ASSIGNOR further covenants and agrees that it will each time request is made and without undue delay, execute and deliver all such papers as may be necessary or desirable to perfect the title to said Patent Property in said assignee, its successors, assigns, nominees, or legal representatives, and ASSIGNOR agrees to communicate to said ASSIGNEE or to its nominee all known facts respecting said Patent Property, to testify in any legal proceedings, to sign all lawful papers to execute all disclaimers and divisional, continuing, reissue and foreign applications, to make all rightful oaths, and generally to do everything reasonably possible to aid said ASSIGNEE, its successors, assigns, nominees and legal representatives to obtain and enforce for its or their own benefit proper patent protection for said inventions or improvements in any and all countries, all at the expense, however, of said ASSIGNEE, its successors, assigns, nominees or legal representatives.

AND ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks of the United States and any official of any country or countries foreign to the United States whose duty it is to issue patents on applications as aforesaid, to issue to said ASSIGNEE, as assignee of the entire right, title and interest, any and all Letters Patent for said Patent Property, including any and all Letters Patent of the United States which may be issued and granted on or as a result of any applications included in said Patent Property, in accordance with the terms of this assignment.

IN WITNESS WHEREOF, the undersigned, being properly authorized to execute this Assignment, hereunto sets their hand and seal.

**Beijing Bytedance Network Technology Co., Ltd.**

By:   
(Signature)

Bo HE  
(Printed Name)

Title: Authorized Legal Counsel

Date: September 10, 2018

**ATTACHMENT A**

ATTORNEY DOCKET NO.	TITLE
112704.000058	DISPLAY SCREEN OR PORTION THEREOF WITH AN ANIMATED GRAPHICAL USER INTERFACE
112704.000059	DISPLAY SCREEN OR PORTION THEREOF WITH A GRAPHICAL USER INTERFACE
112704.000060	DISPLAY SCREEN OR PORTION THEREOF WITH AN ANIMATED GRAPHICAL USER INTERFACE
112704.000061	DISPLAY SCREEN OR PORTION THEREOF WITH AN ANIMATED GRAPHICAL USER INTERFACE
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112704.000066	DISPLAY SCREEN OR PORTION THEREOF WITH AN ANIMATED GRAPHICAL USER INTERFACE
112704.000067	DISPLAY SCREEN OR PORTION THEREOF WITH AN ANIMATED GRAPHICAL USER INTERFACE