

## PATENT ASSIGNMENT COVER SHEET

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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>
LINGLING YE	12/06/2017
YANCHUN ZHU	12/06/2017
AIHUI ZHANG	11/29/2017
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<b>Internal Address:</b>	P.O. BOX 847
<b>City:</b>	GEORGE TOWN, GRAND CAYMAN
<b>State/Country:</b>	CAYMAN ISLANDS
<b>Postal Code:</b>	KY1-1103
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15835160
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<b>NAME OF SUBMITTER:</b>	CHRISTIE LOVEN
<b>SIGNATURE:</b>	/Christie Loven/
<b>DATE SIGNED:</b>	04/11/2018
<b>Total Attachments: 4</b>	
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ASSIGNMENT

Cursor For valuable consideration, the receipt of which we acknowledge, and intending to be bound legally, we, LINGLING YE, YANCHUN ZHU, and AIHUI ZHANG, each individually assign to ALIBABA GROUP HOLDING LIMITED, a corporation formed under the laws of Cayman Islands and having a principal place of business at Fourth Floor, One Capital Place, P.O. Box 847, George Town, Grand Cayman, Cayman Islands, KY1-1103, and its successors, transferees, and assignees (collectively the “Assignee”), all of our individual and joint right, title, and interest throughout the world in the subject matter (the “Subject Matter”) of Chinese Patent Application, Serial No. 201510316622.X, filed June 10, 2015 that names us as inventors (the “Chinese Patent Application”) and of a patent application titled “COMMUNICATION TOOL FOR DATA TRANSFER,” that claims priority to the Chinese Patent Application and was filed in the United States Patent and Trademark Office on December 7, 2017, as application 15/835,160 (the “Application”) which also names us as inventors. We authorize the insertion of the filing date and application number above.

This Assignment assigns (a) the Application 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 Subject Matter (collectively the “Applications and Granted Rights”) in every country or region, (b) the right to claim priority based on and the benefit of the filing date of any of the Applications and Granted Rights under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other applicable treaties 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.

We 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 our names or in the Assignee’s name.


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

We will communicate to the Assignee (or at the request of the Assignee to other parties) 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.

  
Lingling Ye

Date: 2017.12.6

Witnessed by:

Signature: 

Date: 2017.12.6

Print Name: Ce Zhao

Yanchun Zhu  
Yanchun Zhu

Date: 2017.12.6

Witnessed by:

Signature: Shuzhi Meng  
Print Name: Shuzhi Meng

Date: 12/6/2017

  
\_\_\_\_\_  
Aihua Zhang

Date: 2017.11.29

Witnessed by:  
Signature:   
\_\_\_\_\_

Date: 2017.11.29

Print Name: Houdun Zha