PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
LUJIA CHEN	01/20/2020
LICUI GAO	01/20/2020
WENBIAO ZHAO	01/20/2020

RECEIVING PARTY DATA

Name:	ALIBABA GROUP HOLDING LIMITED	
Street Address:	FOURTH FLOOR, ONE CAPITAL PLACE	
Internal Address:	P.O. BOX 847	
City:	GEORGE TOWN, GRAND CAYMAN	
State/Country:	CAYMAN ISLANDS	
Postal Code:	KY1-1103	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16806324

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER: 50GL-307953

NAME OF SUBMITTER: WEIGUO CHEN

SIGNATURE: /Weiguo Chen/
DATE SIGNED: 03/02/2020

Total Attachments: 3

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> PATENT REEL: 051980 FRAME: 0072

Attorney Docket No.: 50GL-307953 / PCT12773US

ASSIGNMENT

For valuable consideration, the receipt of which we acknowledge, and intending to be bound legally, we, Lujia CHEN, Licui GAO, and Wenbiao ZHAO, 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 all of the subject matter and invention(s) (the "Subject Matter") of the following applications that name us as inventors: Chinese Patent Application No. 201711352413.6, filed December 15, 2017 (the "Chinese Application"), PCT Application No. PCT/CN2018/111796, filed October 25, 2018 (the "PCT Application"), that claims priority to the Chinese Application, and a patent application titled "MODEL INTEGRATION METHOD AND DEVICE," that claims priority to the PCT Application and the Chinese Application and was or will be filed in the United States Patent and Trademark Office on March 2, 2020 as application number 16/806,324 (the "U.S. Application"). We authorize the insertion of the filing date and application number above.

We each individually have assigned or hereby assign, in addition to the Subject Matter, (a) the Chinese Application, the PCT Application, the U.S. 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 in every country or region and under every treaty or convention (collectively the "Applications and Granted Rights"); (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 Paris Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other applicable treaties, conventions, or national laws; 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.

Lisia other	Date: >>>0. 30
Lujia CHEN	
Witnessed by: Signature: 2 Hu Yadon Print Name: 2 Hu Yadon	Date: 2020 . 1 , 20
Liwi GAO	Date:
Witnessed by: Signature: 2Hu Yadong Print Name: 2Hu Yadong	Date:

Attorney Docket No.: 50GL-307953 / PCT12773US

Zhao Wenbiao Wenbiao ZHAO

Date: 2020, /, 20.

Date: 2020 . 1.20

Witnessed by:

Signature: 2th Ynd ong Print Name: 2th Yadong

-3 of 3 -

RECORDED: 03/02/2020