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PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
LIN XIONG	03/22/2018
FAN YANG	03/22/2018
JIANHUA FENG	03/22/2018
QINGHUA WANG	03/26/2018
XIAOSEN DONG	03/22/2018
QINGFU MENG	03/22/2018
XUOING NIE	03/22/2018

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15935801

CORRESPONDENCE DATA

Fax Number: (530)204-4064

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.

Phone: 530-746-7839

Email: syadmin@parklegal.com

Correspondent Name: SHUN YAO

PARK, VAUGHAN, FLEMING & DOWLER LLP Address Line 1:

Address Line 2: 2800 FIFTH STREET, SUITE 110

Address Line 4: DAVIS, CALIFORNIA 95618

ATTORNEY DOCKET NUMBER:	ALI-A11380US
NAME OF SUBMITTER:	SHUN YAO
SIGNATURE:	/Shun Yao, Reg.# 59242/
DATE SIGNED:	03/28/2018

REEL: 045378 FRAME: 0645 504842185

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Total Attachments: 2

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PATENT REEL: 045378 FRAME: 0646

ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, the person(s) named below (referred to as "INVENTOR" whether singular or plural) has sold, assigned, and transferred and does hereby sell, assign, and transfer to ALIBABA GROUP HOLDING LIMITED, a Cayman Islands corporation, having a place of business at Fourth Floor, One Capital Place, P.O. Box 847, George Town, Grand Cayman, Cayman Islands ("ASSIGNEE"), for itself and its successors, transferees, and assignees, the following:

INVENTOR agrees that ASSIGNEE may apply for and receive patents for SUBJECT MATTER in ASSIGNEE's own name.

INVENTOR agrees to do the following, when requested, and without further consideration, in order to carry out the intent of this Assignment: (1) execute all oaths, assignments, powers of attorney, applications, and other papers necessary or desirable to fully secure to ASSIGNEE the rights, titles, and interests herein conveyed; (2) communicate to ASSIGNEE all known facts relating to the SUBJECT MATTER: and (3) generally do all lawful acts that ASSIGNEE shall consider desirable for securing, maintaining, and enforcing worldwide patent protection relating to the SUBJECT MATTER and for vesting in ASSIGNEE the rights, titles, and interests herein conveyed. INVENTOR further agrees to provide any successor, assign, or legal representative of ASSIGNEE with the benefits and assistance provided to ASSIGNEE hereunder.

INVENTOR represents that INVENTOR has the rights, titles, and interests to convey as set forth herein, and covenants with ASSIGNEE that the INVENTOR has made or will make hereafter no assignment, grant, mortgage, license, or other agreement affecting the rights, titles, and interests herein conveyed.

INVENTOR hereby authorizes and requests Park, Vaughan, Fleming & Dowler LLP to insert herein above the application number and filing date and/or execution date of said application when known.

Attorney Docket No. ALI-A11380US

This Assignment may be executed in one or more counterparts, each of which shall be deemed an original and all of which may be taken together as one and the same Assignment.

. / (387)	
Lin Xiong	
Fan Yang	
	Lin Xiong

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Attorney Docket No. ALI-A11380US

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