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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
Ji Zheng	02/28/2019
Tianshun Lu	02/28/2019
Xi Sun	02/28/2019
Yong Pan	02/28/2019
Qiaojian Zheng	02/28/2019
JIAQI FENG	02/28/2019

RECEIVING PARTY DATA

Name:	ALIBABA GROUP HOLDING LIMITED	
Street Address:	FOURTH FLOOR, ONE CAPITAL PLACE 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:	16799421

CORRESPONDENCE DATA

Fax Number: (877)769-7945

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ATTORNEY DOCKET NUMBER:	EY DOCKET NUMBER: 44892-0185002/PCT15611USC	
NAME OF SUBMITTER:	SARAH NAGLE	
SIGNATURE:	/Sarah Nagle/	
DATE SIGNED:	03/02/2020	

PATENT REEL: 051983 FRAME: 0404 505945079

Total Attachments: 7 source=PCT15611US_parent_Assignment-signed#page1.tif source=PCT15611US_parent_Assignment-signed#page2.tif source=PCT15611US_parent_Assignment-signed#page3.tif source=PCT15611US_parent_Assignment-signed#page4.tif source=PCT15611US_parent_Assignment-signed#page5.tif source=PCT15611US_parent_Assignment-signed#page6.tif source=PCT15611US_parent_Assignment-signed#page7.tif

PATENT REEL: 051983 FRAME: 0405

Attorney Docket No.: 44892-0185WO1 / A1561TUS

ASSIGNMENT

For valuable consideration, the receipt of which we acknowledge, and intending to be bound legally, we, JI ZHENG, TIANSHUN LU, XI SUN, YONG PAN, QIAOJIAN ZHENG, and JIAQI FENG, 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 invention(s) (the "Subject Matter") described in a patent application that names us as inventors, is titled "MANAGING SERVICES ASSOCIATED WITH URL-BASED TWO-DIMENSIONAL CODES," and was filed on June 29, 2018, as International application PCT/CN2018/093696 (the "Application").

This Assignment assigns, in addition to the Subject Matter of the Application, (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 and under every treaty or convention, (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 remedics 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

Assignment Page 1 of 7

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.

ti Theno

Date: 2017.3.200.

Witnessed by:

Signature: Krk

Print Name: Tion Shun Lu

Date: 2019, 2,28

Assignment Page 2 of 7

Attorney Docket No.: 44892-0185WO1 / A15611US

学式化 Date: 24代, 2.28

Witnessed by:

Signature: 1/ Mary Date: 2019.228

Print Name: Ji Zhong

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Attorney Docket No.: 44892-0185WO1 / A15611US

Xi Sun

Date: 2019, 2, 28

Witnessed by:

Signature: 29 (2/2) Date: 7019,02,38

Print Name: (2) agrican 2h eng

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PATENT REEL: 051983 FRAME: 0409

Attorney Docket No.: 44892-0185WOL/A15611US

Yong Pan

Witnessed by:

Signature: Ji Way

Print Name: Ji Zhang

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Attorney Docket No.: 44892-0185WOL/ A15611US

Qiaojian Zheng

Witnessed by:

Signature: Jtagi Feng

Print Name: Jiaqi Feng

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Attorney Docket No.: 44892-0185WOI / A15611US

Traffic Fent Date: 1019, 2.28. Signature: X_i SWA Date: V_0/Q_i , V_0/Q_i Print Name: V_0/Q_i

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PATENT REEL: 051983 FRAME: 0412

RECORDED: 03/02/2020