

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT5441345

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Wenhai Xu	02/25/2019
RECEIVING PARTY DATA	
Name:	Alibaba Group Holding Limited
Street Address:	Fourth Floor, One Capital Place, P.O. Box 847 George Town, Grand Cayman,
Internal Address:	.
City:	Cayman Island
State/Country:	KY1-1103
Postal Code:	.
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16235653
CORRESPONDENCE DATA	
Fax Number:	(877)769-7945
<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>	
Phone:	+1 (214) 760-6104
Email:	cottle@fr.com,apsi@fr.com
Correspondent Name:	MATTHEW J. MATTSON
Address Line 1:	FISH & RICHARDSON P.C.
Address Line 2:	P.O.BOX 1022
Address Line 4:	MINNEAPOLIS, MINNESOTA 55440-1022
ATTORNEY DOCKET NUMBER:	44892-0208001
NAME OF SUBMITTER:	YANLING L. COTTLE
SIGNATURE:	/yanling cottle/
DATE SIGNED:	03/26/2019
Total Attachments: 2	
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ASSIGNMENT

For valuable consideration, the receipt of which I acknowledge, and intending to be bound legally, I, WENHAI XU, 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 my right, title, and interest throughout the world in the invention(s) (the "Subject Matter") of Chinese Patent Application, 201711479122.3, filed December 29, 2017 that names me as inventor (the "Chinese Patent Application") and of a patent application titled "TRAFFIC DETECTION METHOD, DEVICE, AND SYSTEM," that claims priority to the Chinese Patent Application and was or will be filed in the United States Patent and Trademark Office on December 28, 2018, as application 16/235,653 (the "Application") which also names me as inventor.

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 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.

I 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 my name or in the Assignee's name.

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

I 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.

Wenhai Xu
Wenhai Xu

Date: 2019.2.25

Witnessed by:

Signature: 林良荣

Date: 2019.2.25

Print Name: Liangrong Lin