

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
XUETING JIANG	12/07/2017
JUNYUAN LIU	12/07/2017
RECEIVING PARTY DATA	
Name:	ALIBABA GROUP HOLDING LIMITED
Street Address:	FOURTH FLOOR, ONE CAPITAL PLACE
Internal Address:	PO BOX 847
City:	GRAND CAYMAN
State/Country:	CAYMAN ISLANDS
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15836747
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ATTORNEY DOCKET NUMBER:	AB1-0554US
NAME OF SUBMITTER:	AMANDA SASSER
SIGNATURE:	/Amanda Sasser/
DATE SIGNED:	12/08/2017
Total Attachments: 3	
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Serial Number.....
Filing Date.....
Inventorship..... Jiang et al.
Assignee..... Alibaba Group Holding Limited
Attorney's Docket No. ABL-0554US
Client Docket No..... PCT4369US
Title:..... Method and Apparatus for Transmitting Business Object

PATENT ASSIGNMENT

PARTIES TO THE ASSIGNMENT

Assignor(s):

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Assignee:

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Grand Cayman
Cayman Islands

AGREEMENT

WHEREAS, ASSIGNOR(S) (listed above) are inventor(s) of an invention entitled
" Method and Apparatus for Transmitting Business Object" for which:

☐ a provisional application for United States Letters Patent was filed on _____ and
was given U.S. Serial No. _____ and/or

☒ a foreign priority Chinese patent application was filed on 11 June 2015 and was given
CN Patent Application Serial No. 201510320623.1 and/or

☒ a PCT international application for was filed on 03 June 2016 and was given PCT
Serial No. PCT/CN2016/084597 and/or

☒ a non-provisional application for United States Letters Patent was:

☒ filed on 08 December 2017 and was given U.S. Serial No. 15/836,747 _____;
or filed concurrently herewith. Assignors hereby authorize and request ASSIGNEE's legal representatives, of Lee & Hayes, PLLC, 601 W Riverside Ave, Suite 1400, Spokane, Washington 99201, who are associated with customer number 29150, to insert in the caption above the serial number and filing date of the patent application when known.

WHEREAS, Alibaba Group Holding Limited (hereinafter referred to as ASSIGNEE), a corporation of Cayman Islands having a place of business at Fourth Floor, One Capital Place, P.O. Box 847, Grand Cayman, Cayman Islands, is desirous of acquiring the entire right, title and interest in and to the invention and in and to any letters patent that may be granted therefore in the United States and in any and all foreign countries;

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR(S) hereby sell, assign and transfer unto ASSIGNEE, the entire right, title and interest in and to said invention, said application and any and all letters patent which may be granted for said invention in the United States of America and its territorial possessions and in any and all foreign countries, and in any and all divisions, reissues and continuations thereof, including the right to file foreign applications directly in the name of ASSIGNEE and to claim priority rights deriving from said United States application to which said foreign applications are entitled by virtue of international convention, treaty or otherwise, said invention, application and all letters patent on said invention to be held and enjoyed by ASSIGNEE and its successors and assigns for their use and benefit and of their successors and assigns as fully and entirely as the same would have been held and enjoyed by ASSIGNOR(S) had this assignment, transfer and sale not been made. ASSIGNOR(S) hereby authorize and request the Commissioner of Patents and Trademarks to issue all letters patent on said invention to ASSIGNEE. ASSIGNOR(S) agree to execute all instruments and documents required for the making and prosecution of applications for United States and foreign letters

patent on said invention, for litigation regarding said letters patent, or for the purpose of protecting title to said invention or letters patent therefore.

<p><u>蒋雪婷</u> Xueting Jiang <u>12/07/2017</u> Date (mm/dd/yyyy)</p>	<p><u>刘以辉</u> Witness Signature <u>Yi Hui Liu</u> Name (printed) <u>12/07/2017</u> Date (mm/dd/yyyy)</p>
<p><u>刘峻源</u> Junyuan Liu <u>12/07/2017</u> Date (mm/dd/yyyy)</p>	<p><u>陆晶</u> Witness Signature <u>Jing Lu</u> Name (printed) <u>12/07/2017</u> Date (mm/dd/yyyy)</p>