PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SHAOFEI XUE	06/30/2017

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:	15638157

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	AB1-0489US	
NAME OF SUBMITTER:	AMANDA SASSER	
SIGNATURE:	/Amanda Sasser/	
DATE SIGNED:	07/21/2017	

Total Attachments: 3

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PATENT 504467888 REEL: 043062 FRAME: 0917

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Serial Number	15/638.157
Filing Date	
Inventorship	
Assignee	Alibaba Group Holding Limited
Attorney's Docket No	
Client Docket No.	
Title:	
<u>PATENT A</u>	SSIGNMENT
PARTIES TO THE ASSIGNMENT	
Assignor(s):	
Shaofei Xue	
c/o Alibaba Group Legal Department	
5/F, Building 3, No.969 West Wen Yi Road,	
Yu Hang District, Hangzhou, China. 311121	
* Transfer of the state of the	
Assignee:	
Alibaba Group Holding Limited	
Fourth Floor, One Capital Place	
P.O. Box 847	
Grand Cayman	N. Committee of the Com
Cayman Islands	
AGREEMENT	
WHEREAS, ASSIGNOR(S) (listed abov	e) are inventor(s) of an invention entitled
"Speech Recognition" for which:	
*	
a provisional application for United	States Letters Patent was filed on and
was given U.S. Serial Noand/or	
a foreign priority Chinese patent ap	plication was filed on 30 June 2016 and was given
CN Patent Application Serial No. 20161050978	3.5and/or
Ma DCT international application for	e was filed on 20 hims 2017 and was given PCT

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Serial No. PCT/US17/40090and/or

Attorney Docket No. AB1-0489US Client Docket No. A8663US

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

[☐] filed on 29 June 2017 and was given U.S. Serial No. 15/638,157; 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

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