

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT6653605

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
LINGBO YANG	04/02/2021
PAN WANG	01/28/2021
PEIRAN REN	01/29/2021
XUANSONG XIE	01/27/2021
ZHANNING GAO	01/27/2021
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
Postal Code:	KY1-1103
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	17186493
CORRESPONDENCE DATA	
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<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>	
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ATTORNEY DOCKET NUMBER:	60YN-322513
NAME OF SUBMITTER:	MASAKO ONDA
SIGNATURE:	/Masako Onda/
DATE SIGNED:	04/13/2021

Total Attachments: 3

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ASSIGNMENT and CONFIRMATION

For valuable consideration, the receipt of which is acknowledged, and intending to be bound legally, we, Lingbo YANG, Pan WANG, Peiran REN, Xuansong XIE, and Zhanning GAO 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 if joint inventors also our joint, right, title, and interest throughout the world in the invention(s) (the “Subject Matter”) of the below listed patent applications (collectively, the “Applications”) that name the above person(s) as inventor(s):

Patent application titled “IMAGE AND DATA PROCESSING METHODS AND APPARATUSES” that was filed on February 28, 2020 as application 202010130948.4; and

Patent application titled “IMAGE AND DATA PROCESSING METHODS AND APPARATUSES” that claims priority to the above-listed applications and was or will be filed in the United States Patent and Trademark Office on February 26, 2021, as application 17/186,493.

I (the singular in each instance hereafter meaning myself individually as well as, if joint inventors, we inventors jointly) authorize Assignee and its representative to insert any, and to make typographical corrections of, identification or other information in this Assignment and Confirmation that may be necessary or desirable in order to record this document any place in the world.

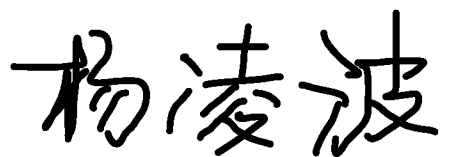
The Subject Matter of the Applications was developed as part of, and the foregoing assignment occurred on or before the earliest application filing date noted above by operation of my employment and/or agreements with Assignee. Should I have any remaining right, title, or interest, I hereby assign and transfer as of said earliest application filing date any and all such right, title or interest I may have in said Subject Matter of the Applications to Assignee.

This Assignment assigns, in addition to the Subject Matter of the Applications, (a) the Applications 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, including in continuations, continuations-in-part, continuing prosecution applications, requests for continuing examinations, divisions, reissues, reexaminations, extensions, registrations, and foreign counterparts under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other applicable treaties, national laws, patent office rules 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 our names or in the Assignee's name.

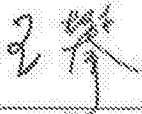
I represent and warrant that I have the right and power to make this Assignment and that I have not made and will not make any other assignment that conflicts with this Assignment.

I acknowledge the duty to disclose information known to be material to patentability of the Subject Matter and will communicate to the Assignee (or, at the request of the Assignee to other parties) all known such information and 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.



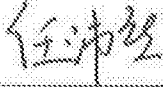
Lingbo YANG

Date: 2021.4.2



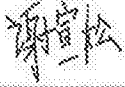
Pan WANG

Date: 2021.01.28



Peiran REN

Date: 2021.01.29



Xuansong XIE

Date: 2021.01.27



Zhanning GAO

Date: 2021-01-27