



UNITED STATES PATENT AND TRADEMARK OFFICE

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AUGUST 28, 2017

PTAS

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ASSIGNOR:
JIN, HUAJING

DOC DATE: 08/22/2017

ASSIGNOR:
XU, DI

DOC DATE: 08/22/2017

ASSIGNOR:
LI, ZHENHUA

DOC DATE: 08/23/2017

ASSIGNOR:
BAI, XUE

DOC DATE: 08/22/2017

ASSIGNEE:
ALIBABA GROUP HOLDING LIMITED
FOURTH FLOOR, ONE CAPITAL PLACE
P.O. BOX 847
GEORGE TOWN, GRAND CAYMAN, CAYMAN
ISLANDS KY1-1103

APPLICATION NUMBER: 15684603

FILING DATE:

PATENT NUMBER:

ISSUE DATE:

TITLE: CALCULATING INDIVIDUAL CARBON FOOTPRINTS

ASSIGNMENT RECORDATION BRANCH
PUBLIC RECORDS DIVISION

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1

Stylesheet Version v1.2

SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>HUAJING JIN</td><td>08/22/2017</td></tr><tr><td>DI XU</td><td>08/22/2017</td></tr><tr><td>ZHENHUA LI</td><td>08/23/2017</td></tr><tr><td>XUE BAI</td><td>08/22/2017</td></tr></tbody></table>	Name	Execution Date	HUAJING JIN	08/22/2017	DI XU	08/22/2017	ZHENHUA LI	08/23/2017	XUE BAI	08/22/2017			
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RECEIVING PARTY DATA													
<table><tr><td>Name:</td><td>ALIBABA GROUP HOLDING LIMITED</td></tr><tr><td>Street Address:</td><td>FOURTH FLOOR, ONE CAPITAL PLACE</td></tr><tr><td>Internal Address:</td><td>P.O. BOX 847</td></tr><tr><td>City:</td><td>GEORGE TOWN, GRAND CAYMAN</td></tr><tr><td>State/Country:</td><td>CAYMAN ISLANDS</td></tr><tr><td>Postal Code:</td><td>KY1-1103</td></tr></table>	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	
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PROPERTY NUMBERS Total: 1													
<table><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>15684603</td></tr></tbody></table>	Property Type	Number	Application Number:	15684603									
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Application Number:	15684603												
CORRESPONDENCE DATA													
Fax Number: (877)769-7945 Email: apsi@fr.com <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> Correspondent Name: FISH & RICHARDSON P.C. Address Line 1: P.O. BOX 1022 Address Line 4: MINNEAPOLIS, MINNESOTA 55440													
ATTORNEY DOCKET NUMBER:	44892-0004001												
NAME OF SUBMITTER:	CHRISTIE LOVEN												
Signature:	/Christie Loven/												
Date:	08/25/2017												

Total Attachments: 5

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RECEIPT INFORMATION

EPAS ID: PAT4566030
Receipt Date: 08/25/2017

ASSIGNMENT

For valuable consideration, the receipt of which we acknowledge, and intending to be bound legally, we, HUAJING JIN, DI XU, ZHENHUA LI, and XUE BAI, each individually have and do 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, and its successors, transferees, and assignees (collectively the “Assignee”), all of our individual and joint right, title, and interest throughout the world in the subject matter (the “Subject Matter”) of Chinese Patent Application, Serial No. 201610717756.7, filed August 24, 2016 that names us as inventors (the “Chinese Patent Application”) and of a patent application titled “CALCULATING INDIVIDUAL CARBON FOOTPRINTS,” that claims priority to the Chinese Patent Application and was filed in the United States Patent and Trademark Office on August 23, 2017, as application 15/684,603 (the “Application”) which also names us as inventors. We authorize the insertion of the filing date and application number above.

This Assignment assigns (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, (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.

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 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.

Huajing Jin
Huajing Jin

Date: 08/22/2017

Witnessed by:

Signature: Haifen Yuan

Date: 8/22/2017

Print Name: Haifen Yuan

徐由

Date: 08-22-2017

Di Xu

Witnessed by:

Signature: Haiten Yuan

Date: 08/22/2017

Print Name: Haiten Yuan

Zhenhua Li
Zhenhua Li

Date: 08/23/2017

Witnessed by:

Signature: Haifen Yuan

Date: 08/25/2017

Print Name: Haifen Yuan

Xue Bai
Xue Bai

Date: 2017/8/22

Witnessed by:

Signature: Haifen Yuan

Date: 2017/8/22

Print Name: Haifen Yuan