

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT4241712

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the RECEIVING PARTY NAME previously recorded on Reel 040759 Frame 0244. Assignor(s) hereby confirms the ALIBABA GROUP HOLDING LIMITED.
RESUBMIT DOCUMENT ID:	504182767

CONVEYING PARTY DATA

Name	Execution Date
HUI LIU	08/25/2015
LIN ZHOU	08/25/2015
HAOHUA ZHENG	08/25/2015
HUIFENG JIN	08/25/2015
TIANCHENG XIANG	08/26/2015

RECEIVING PARTY DATA

Name:	ALIBABA GROUP HOLDING LIMITED
Street Address:	FOURTH FLOOR, ONE CAPITAL PLACE
Internal Address:	P.O. BOX 847
City:	GRAND CAYMAN
State/Country:	CAYMAN ISLANDS

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14839709

CORRESPONDENCE DATA

Fax Number:

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.

Email: nfolkman@sheppardmullin.com
Correspondent Name: WEIGUO CHEN
Address Line 1: SHEPPARD MULLIN RICHTER & HAMPTON LLP
Address Line 2: 379 LYTTON AVENUE
Address Line 4: PALO ALTO, CALIFORNIA 94301

ATTORNEY DOCKET NUMBER:	50GL-250683
NAME OF SUBMITTER:	WEIGUO CHEN
SIGNATURE:	/Weiguo Chen/
DATE SIGNED:	01/25/2017

Total Attachments: 6

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PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
HUI LIU	08/25/2015
LIN ZHOU	08/25/2015
HAOHUA ZHENG	08/25/2015
HUIFENG JIN	08/25/2015
TIANCHENG XIANG	08/26/2015
RECEIVING PARTY DATA	
Name:	ALIBABA GROUP HOLIDNG LIMITED
Street Address:	FOURTH FLOOR, ONE CAPITAL PLACE
Internal Address:	P.O. BOX 847
City:	GRAND CAYMAN
State/Country:	CAYMAN ISLANDS
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14839709
CORRESPONDENCE DATA	
Fax Number:	
Email:	svpatents@sheppardmullin.com, nfolkman@sheppardmullin.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:	WEIGUO CHEN
Address Line 1:	SHEPPARD MULLIN RICHTER & HAMPTON LLP
Address Line 2:	379 LYTTON AVENUE
Address Line 4:	PALO ALTO, CALIFORNIA 94301
ATTORNEY DOCKET NUMBER:	50GL-250683
NAME OF SUBMITTER:	WEIGUO CHEN
Signature:	/Weiguo Chen/

PATENT
REEL: 041077 FRAME: 0850

Date: 12/23/2016

Total Attachments: 4

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RECEIPT INFORMATION

EPAS ID: PAT4199823
Receipt Date: 12/23/2016

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Serial Number
Filing Date
Inventorship Liu et al.
Assignee Alibaba Group Holding Limited
Attorney's Docket No. AB1-0346US
Client Docket No. A2978US
Title: Method and Apparatus of Obtaining Location Information

PATENT ASSIGNMENT

PARTIES TO THE ASSIGNMENT

Assignor(s):

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Yu Hang District, Hangzhou, China. 311121

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Assignee:

Alibaba Group Holding Limited
Fourth Floor, One Capital Place
P.O. Box 847
Grand Cayman
Cayman Islands

AGREEMENT

WHEREAS, ASSIGNOR(S) (listed above) are inventor(s) of an invention entitled "Method and Apparatus of Obtaining Location Information" for which:

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

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

filed on August 28, 2015 and was given U.S. Serial No. 14/839,709

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>刘峰</u> Hui Liu <u>08/25/2015</u> Date (mm/dd/yyyy)</p>	<p><u>梁爱</u> Witness Signature <u>Liang Ai</u> Name (printed) <u>08/25/2015</u> Date (mm/dd/yyyy)</p>
<p><u>郑浩华</u> Haohua Zheng <u>08/25/2015</u> Date (mm/dd/yyyy)</p>	<p><u>梁爱</u> Witness Signature <u>Liang Ai</u> Name (printed) <u>08/25/2015</u> Date (mm/dd/yyyy)</p>
<p><u>靳慧峰</u> Hui Feng Jin <u>08/25/2015</u> Date (mm/dd/yyyy)</p>	<p><u>梁爱</u> Witness Signature <u>Liang Ai</u> Name (printed) <u>08/25/2015</u> Date (mm/dd/yyyy)</p>

<p><u>周琳</u> Lin Zhou</p> <p><u>08/25/2015</u> Date (mm/dd/yyyy)</p>	<p><u>梁晋</u> Witness Signature</p> <p><u>梁晋</u> Name (printed)</p> <p><u>08/25/2015</u> Date (mm/dd/yyyy)</p>
<p><u>项天成</u> Tiancheng Xiang</p> <p><u>08/26/2015</u> Date (mm/dd/yyyy)</p>	<p><u>付大鹏</u> Witness Signature</p> <p><u>Dapeng Fu</u> Name (printed)</p> <p><u>08/26/2015</u> Date (mm/dd/yyyy)</p>