PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Tai-Ching Hsu	09/20/2012
Sihai Hu	09/20/2012
Leishi Xu	09/20/2012

RECEIVING PARTY DATA

Name:	Alibaba Group Holding Limited	
Street Address:	Fourth Floor, One Capital Place	
Internal Address:	P.O. Box 847	
City:	George Town	
State/Country:	CAYMAN ISLANDS	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13625428

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	ALIBP095
NAME OF SUBMITTER:	Jia-Ning Qu

Total Attachments: 2

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PATENT

REEL: 029014 FRAME: 0084

CH \$40.00

502072458

ASSIGNMENT OF PATENT APPLICATION

Whereas I/we the undersigned inventor(s) have invented certain new and useful improvements as set forth in the patent application entitled:

DETERMINING THE PHYSICAL LOCATION OF A CLIENT

(Attorney Docket No. ALIBP095) for which I (we) have executed an application for a United States Letters Patent (the "Application"):

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/we the undersigned inventor(s) hereby:

- 1) Sell, assign, and transfer to Alibaba Group Holding Limited, a Cayman Islands corporation having a place of business at Fourth Floor, One Capital Place, P.O. Box 847, George Town, Grand Cayman, Cayman Islands, (hereinafter referred to as "ASSIGNEE"), the entire right title and interest in any and all improvements and inventions disclosed in, application(s) (including foreign applications) based upon, and Patent(s) (including foreign patents) granted upon the information which is disclosed in the above referenced application and/or in any provisional application to which the above referenced application claims priority.
- 2) Authorize and request the Commissioner of Patents to issue any and all Letters Patents resulting from said application or any division(s), continuation(s), substitutes(s) or reissue(s) thereof to the ASSIGNEE.
- 3) Agree to execute all papers and documents and, entirely at the ASSIGNEE's expense, perform any acts which are reasonably necessary in connection with the prosecution of said application, as well as any derivative applications thereof, foreign applications based thereon, and/or the enforcement of patents resulting from such applications.
- 4) Agree that the terms, covenants and conditions of this assignment shall inure to the benefit of the Assignee, its successors, assigns and other legal representative, and shall be binding upon the inventor(s), as well as the inventor's heirs, legal representatives and assigns.
- 5) Warrant and represent that I/we have not entered, and will not enter into any assignment, contract, or understanding that conflicts with this assignment.

1) Signature: Typed Name: Tai-Ching Hsu

2) Signature: Typed Name: Sihai Hu

3) Signature: Typed Name: Leishi Xu

Date: 2012-09-20

Date: Date:

Signed on the date(s) indicated beside my (our) signature(s).

Atty Dkt. No. ALIBP095

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- S) Warrant and represent that I/we have not entered, and will not enter into any assignment, contract, or understanding that conflicts with this assignment.

Signed on the date(s) indicated beside my (our) signature(s).

1)	Signature:	Date	
	Typed Name:	Tai-Ching Hsu	
2)	Signature Typed Name	<u>44 974</u> Sihai Hu	Date: \$120/7012/
3)	Signature Typed Name	格なる Leishi Xu	Date: 9/20/2013

Auy Dkt. No. ALIBP095

RECORDED: 09/24/2012

PATENT REEL: 029014 FRAME: 0086