PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 EPAS ID: PAT3711821

Stylesheet Version v1.2

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
LING MA	01/08/2016
WEI ZHOU	01/07/2016
LEI ZHANG	01/08/2016

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14964296

CORRESPONDENCE DATA

Fax Number: (408)938-9069

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.

Phone: 408-938-9060

Email: cholland@mhbpatents.com

MURABITO, HAO & BARNES LLP **Correspondent Name:** Address Line 1: TWO NORTH MARKET STREET

Address Line 2: THIRD FLOOR

Address Line 4: SAN JOSE, CALIFORNIA 95113

ATTORNEY DOCKET NUMBER:	BABA-A3843
NAME OF SUBMITTER:	JAMES P. HAO
SIGNATURE:	/James P. Hao/
DATE SIGNED:	01/26/2016

Total Attachments: 1

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PATENT REEL: 037588 FRAME: 0253 503665186

Attorney Docket No.:	BABA-A3843
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Assignment to Alibaba Group Holding Limited

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	good and valuable considers:		s beneby acknowledged, I/we	
do hereby sell, assig principle place of be Cayman, Cayman Is States and all foreig	n, and transfer unto Alibaba usinese at Fourth Floor, One lands and its successors and	Capital Place, P.O. Bo assigns, the entire righ d all improvements, inc		
	PROCESSOR—SUPPOR DSYSTEM FOR DATA RI			OD,
filed herewith:	and the inventions set forth a	and described therein,	and any and all Letters Pater	st of
United States a	nd of countries foreign theres	to which may be grante	al thereon or therefor; or	
X Serial No.: 1	4/964,296 filed on 12/0	9/2015	nd the inventions set forth d States and of countries for	
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assignment, applicate the necessary or describe inventions describe country foreign the involving said inver-	tion, whether original, contirerable fully to secure to Alibe the said application and reto, and to cooperate and attions and in the adjudication be incurred by me/us in	mation, divisional or reals and Group Holding Li all patent rights thereif assist in the prosecu- on or reexamination of	pensation any power of atto cissue, or other papers which mited, its successors and ass n, in the United States and in ition of interference proceed I said Letters Patent provide ation and assistance are pai	may signs, n any dings d the
representatives that property herein com	no assignment, grant, mortg	age, license, or other sees by the undersigned	successors, assigns, and agreement affecting the rights, and that full right to conve	s and
In witness whereof, I/v	ve hereunto set ກ່າງ/ວັນຊັ hand(s)	and seat		
Inventor's Signature:	Ling MA	annila mada qualima limana quanta lipeta un paga	Date: 0//08/2016	des engles de es
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inventor's Signature:	Lei ZHANG	mainettetaalinna minimistra net	pate: 01108/2016	trational and a

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PATENT REEL: 037588 FRAME: 0254