

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT3276999

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT	
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT	
<b>CONVEYING PARTY DATA</b>		
	<b>Name</b>	<b>Execution Date</b>
	XIAO FEI QUAN	03/09/2012
<b>RECEIVING PARTY DATA</b>		
<b>Name:</b>	ALIBABA GROUP HOLDING LIMITED	
<b>Street Address:</b>	FOURTH FLOOR, ONE CAPITAL PLACE	
<b>Internal Address:</b>	P.O. BOX 847	
<b>City:</b>	GRAND CAYMAN	
<b>State/Country:</b>	CAYMAN ISLANDS	
<b>PROPERTY NUMBERS Total: 1</b>		
	<b>Property Type</b>	<b>Number</b>
	Application Number:	14607980
<b>CORRESPONDENCE DATA</b>		
<b>Fax Number:</b>	(509)323-8979	
<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>		
<b>Phone:</b>	5093249256	
<b>Email:</b>	lhforeign@leehayes.com	
<b>Correspondent Name:</b>	LEE & HAYES, PLLC	
<b>Address Line 1:</b>	601 WEST RIVERSIDE	
<b>Address Line 2:</b>	SUITE 1400	
<b>Address Line 4:</b>	SPOKANE, WASHINGTON 99201	
<b>ATTORNEY DOCKET NUMBER:</b>	AB1-0136USC1	
<b>NAME OF SUBMITTER:</b>	CHERRI A. SIMON	
<b>SIGNATURE:</b>	/Cherri A. Simon/	
<b>DATE SIGNED:</b>	03/23/2015	
<b>Total Attachments: 4</b>		
source= UF933902#page1.tif		
source= UF933902#page2.tif		
source= UF933902#page3.tif		
source= UF933902#page4.tif		



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND  
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

APRIL 17, 2012

PTAS

LEE & HAYES, PLLC  
601 W. RIVERSIDE AVE, SUITE 1400  
SPOKANE, WA 99201

**501889779**

### UNITED STATES PATENT AND TRADEMARK OFFICE NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT RECORDATION BRANCH OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE ASSIGNMENT RECORDATION BRANCH AT 571-272-3350. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, MAIL STOP: ASSIGNMENT RECORDATION BRANCH, P.O. BOX 1450, ALEXANDRIA, VA 22313.

RECORDATION DATE: 04/16/2012

REEL/FRAME: 028053/0531  
NUMBER OF PAGES: 4

BRIEF: ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).

DOCKET NUMBER: AB1-0136US

ASSIGNOR:

QUAN, XIAO FEI

DOC DATE: 03/09/2012

ASSIGNEE:

ALIBABA GROUP HOLDING LIMITED  
P.O. BOX 847, FOURTH FLOOR, ONE  
CAPITAL PLACE  
GRAND CAYMAN, CAYMAN ISLANDS

APPLICATION NUMBER: 13502314

FILING DATE:

PATENT NUMBER:

ISSUE DATE:

TITLE: METHOD AND APPARATUS OF ACCESSING DATA OF VIRTUAL MACHINE

ASSIGNMENT RECORDATION BRANCH  
PUBLIC RECORDS DIVISION

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Serial Number.....  
Filing Date.....  
Inventorship..... Xiao Fei Quan  
Assignee..... Alibaba Group Holding Limited  
Attorney's Docket No. .... AB1-0136US  
Client Docket No. .... PCT0605US  
Title: ..... Method and Apparatus of Accessing Data of Virtual Machine

**PATENT ASSIGNMENT**

**PARTIES TO THE ASSIGNMENT**

Assignor(s):

Xiao Fei Quan  
c/o Alibaba Group Legal Department  
10/F, Building A, the West Lake International Plaza of S&T,  
No.391 Wen'er Road,  
Hangzhou, China 310013

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 Accessing Data of Virtual Machine " 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 \_\_\_\_\_ and was given U.S. Serial No. \_\_\_\_\_;


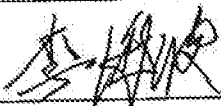
or filed concurrently herewith. Assignors hereby authorize and request ASSIGNEE's legal  
representatives, of Lee & Hayes, PLLC, 601 W Riverside Ave, Suite 1400, Spokane, Washington

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.

	
Xiao Fei Quan	Witness Signature
3/9/2012	Haiibo Li
Date (mm/dd/yyyy)	Name (printed)
	3/9/2012
	Date (mm/dd/yyyy)