506146371 07/09/2020

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6193102

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
YINGFANG FU	07/29/2019
PENG XIAO	07/29/2019

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16529582

CORRESPONDENCE DATA

Fax Number: (509)323-8979

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.

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Email: Brent.mccoy@leehayes.com

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Address Line 2: SUITE 1400

Address Line 4: SPOKANE, WASHINGTON 99201

ATTORNEY DOCKET NUMBER:	AB1-0796US	
NAME OF SUBMITTER:	BRENT MCCOY	
SIGNATURE:	/Brent McCoy/	
DATE SIGNED:	07/09/2020	

Total Attachments: 3 source=2551269#page1.tif

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PATENT REEL: 053166 FRAME: 0667

506146371

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Serial Number
Filing Date
Inventorship
Assignee
Attorney's Docket No
Client Docket No
Card
PATENT ASSIGNMENT
PARTIES TO THE ASSIGNMENT
Assignor(s):
Yingfang Fu
c/o Alibaba Group Legal Department
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Yu Hang District, Hangzhou, China. 311121
Peng Xiao
c/o Alibaba Group Legal Department
5/F, Building 3, No.969 West Wen Yi Road,
Yu Hang District, Hangzhou, China. 311121
Assignee:
Alibaba Group Holding Limited
Fourth Floor, One Capital Place
P.O. Box 847
Grand Cayman
Cayman Íslands
AGREEMENT .
WHEREAS, ASSIGNOR(S) (listed above) are inventor(s) of an invention entitled
"Measurement Methods, Devices and Systems Based on Trusted High-Speed Encryption Card"
for which:
a provisional application for United States Letters Patent was filed on and
was given U.S. Serial Noand/or
and the second of the second o
igtimes a foreign priority Chinese patent application was filed on 02 August 2018 and was

Page $1\ {\rm of}\ 3$

given CN Patent Application Serial No. 201810871817.4and/or

PATENT REEL: 053166 FRAME: 0668

igtimes a PCT international application for was filed on	and was given PCT
Serial Noand/or	
igotimes a non-provisional application for United States Letters Patent wa	s:
🔀 filed on and was given U.S. Serial No	
or filed concurrently herewith. Assignors hereby authorize and reques	t ASSIGNEE's legal
representatives, of Lee & Hayes, P.C., 601 W Riverside Ave, Suite 1400, S	pokane, Washington
99201, who are associated with customer number 29150, to insert in the cap	otion 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

PATENT REEL: 053166 FRAME: 0669 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.

Yingfang Fu Yingfang Fu 07/29/20/9 Date (mm/dd/yyyy)	Witness Signature Yurmin Wu Name (printed) 07/29/2019 Date (mm/dd/yyyy)
Peng Xiao Peng Xiao Peng Xiao Date (mm/dd/yyyy)	Witness Signature Witness Signature Witness Signature Witness Signature Witness Signature Witness Signature Witness Signature Witness Signature Witness Signature Witness Signature Witness Signature Witness Signature Witness Signature Witness Signature Witness Signature Witness Signature Witness Signature Witness Signature Witness Signature Witness Signature Witness Signature Witness Signature Witness Signature Witness Signature Witness Signature Witness Signature Witness Signature Witness Signature Witness Signature Witness Signature Witness Signature Witness Signature Witness Signature Witness Signature Witness Signature Witness Signature Witness Signature Witness Signature Witness Signature Witness Signature Witness Signature Witness Signature Witness Signature Witness Signature Witness Signature Witness Signature Witness Signature Witness Signature Witness Signature Witness Signature Witness Signature Witness Signature Witness Signature Witness Signature Witness Signature Witness Signa