506029311 04/23/2020

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ZHEN WEN	03/17/2020

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16020872

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	12852.0189-00000
NAME OF SUBMITTER:	YASUKO NAKAGAMI-SHER
SIGNATURE:	/Yasuko Nakagami-Sher/
DATE SIGNED:	04/23/2020

Total Attachments: 3

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PATENT 506029311 REEL: 052482 FRAME: 0036

SOLE/JOINT INVENTION (Worldwide Rights) Attorney Docket No. 12852.0189-00000 Alibaba Ref. No. PCT6933US

ASSIGNMENT

WHEREAS I/We, the below-named inventor(s) (hereinafter referred to as Assignor(s)), of an invention entitled:

METHOD AND APPARATUS FOR DETECTING LABEL DATA LEAKAGE CHANNEL

as claimed in United States Application No. <u>16/020,872</u> (Confirmation No. <u>6667</u>), filed herewith on <u>June 27, 2018,</u> attached hereto, and as claimed in PCT International Application No, filed herewith on, and attached hereto; and
WHEREAS, Alibaba Group Holding Limited , a corporation of Cayman Islands, whose post office address is Fourth Floor, One Capital Place, P.O. Box 847, George Town, Grand Cayman, Cayman Islands (hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention in all countries throughout the world, and in and to the application for United States Letters Patent on this invention and the Letters Patent to be issued upon this application and the PCT International application and Letters Patents which may be granted in those applications;
NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from Assignee is hereby acknowledged, I/We, as Assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the Assignee, its lawful successors and assigns, my/our entire right, title, and interest in and to this invention, provisional Application No, filed
AND, I/WE HEREBY covenant that I/We have the full right to convey the interest assigned by this Assignment, and I/We

AND, I/WE HEREBY covenant that I/We have the full right to convey the interest assigned by this Assignment, and I/We have not executed and will not execute any agreement in conflict with this Assignment:

AND, I/WE HEREBY further covenant and agree that I/We will, without further consideration, communicate with Assignee, its successors and assigns, any facts known to me/us respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in said Assignee, its successors or assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid Assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States and any foreign country, it being understood that any expense incident to the execution of such papers shall be borne by the Assignee, its successors and assigns;

AND, I/WE HEREBY authorize and request that the attorneys having Power of Attorney in the applications, insert in parentheses above, the filing date and application number of said applications when known.

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SOLE/JOINT INVENTION (Worldwide Rights) Attorney Docket No. 12852.0189-00000 Alibaba Ref. No. PCT6933US

IN TESTIMONY WHEREOF, I/We have hereunto set our hands.

Name: Zhen WEN

Alibaba Group Legal Department Address:

5/F Bldg 3 No 969 West Wen Yi Rd, Yu Han District Hangzhou, Zhejiang 31121 China

By:

Date:

SOLE/JOINT INVENTION (Worldwide Rights) Attorney Docket No. 12852.0189-00000 Alibaba Ref. No. PCT6933US

Assignee Name:	Alibaba Group Holding Limited
Signature:	
Printed Name:	
Corporate Title:	
Date:	

PATENT REEL: 052482 FRAME: 0039

RECORDED: 04/23/2020