

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
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Assignment ID: PATI170041

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
SEQUENCE:	1
CONVEYING PARTY DATA	
Name	Execution Date
Alibaba Group Holding Limited	02/05/2024
RECEIVING PARTY DATA	
Company Name:	Alibaba Singapore Holding Private Limited
Street Address:	51 Bras Basah Road
Internal Address:	#01-21 Lazada One
City:	Singapore
State/Country:	SINGAPORE
Postal Code:	189554
PROPERTY NUMBERS Total: 7	
Property Type	Number
Application Number:	17987596
Application Number:	18128573
Application Number:	12594930
Application Number:	14160364
Application Number:	12532986
Application Number:	12863374
Application Number:	13802004
CORRESPONDENCE DATA	
Fax Number:	5093249256
<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>	
Phone:	5093249256
Email:	cathy.wang@leehayes.com
Correspondent Name:	Cathy Wang
Address Line 1:	601 W Riverside Ave
Address Line 2:	suite 1400
Address Line 4:	Spokane, WASHINGTON 99201
ATTORNEY DOCKET NUMBER:	AB1-0001MI
NAME OF SUBMITTER:	Cathy Wang

<b>SIGNATURE:</b>	Cathy Wang
<b>DATE SIGNED:</b>	04/16/2024
	This document serves as an Oath/Declaration (37 CFR 1.63).
<b>Total Attachments: 5</b> source=A01-BA1 Assignment (LH) - US (signed 20240205) (1)#page1.tif source=A01-BA1 Assignment (LH) - US (signed 20240205) (1)#page2.tif source=A01-BA1 Assignment (LH) - US (signed 20240205) (1)#page3.tif source=A01-BA1 Assignment (LH) - US (signed 20240205) (1)#page4.tif source=A01-BA1 Assignment (LH) - US (signed 20240205) (1)#page5.tif	

## ASSIGNMENT - WORLDWIDE

THIS ASSIGNMENT, made by, **ALIBABA GROUP HOLDING LIMITED**, having its principal place of business at **Fourth Floor, One Capital Place, P.O. Box 847, George Town, Grand Cayman, Cayman Islands**, hereinafter referred to as Assignor;

WITNESSETH: That,

WHEREAS, Assignor has previously acquired all right, title, and interest in and to the intellectual property identified on the attached Schedule A, in and to all corresponding patents, patent applications, utility models, design registrations, other rights of exclusion, and/or inventors' certificates in every country or region worldwide, and in and to all inventions represented thereby (all hereinafter referred to collectively as the "Assigned Intellectual Property" on the attached Schedule A); and,

WHEREAS, **ALIBABA SINGAPORE HOLDING PRIVATE LIMITED**, having its principal place of business at **51 Bras Basah Road, #01-21 Lazada One, Singapore 189554**, hereinafter referred to as Assignee, is desirous of acquiring the entire right, title, and interest in and to the Assigned Intellectual Property; and

WHEREAS, the parties have agreed to the Assignment hereinafter set forth;

NOW, THEREFORE, To All Whom It May Concern, be it known that for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the above Assignor has sold and by these presents does hereby sell, assign, transfer, and convey unto the said Assignee, its successors and assigns, its entire right, title, and interest in and to the Assigned Intellectual Property, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof, together with every priority right that is or may be predicated upon or arise from any of the Intellectual Property; and the right to pursue, collect, and retain in Assignee's name or otherwise, damages and any other remedies arising from any past, present, or future infringement of the Assigned Intellectual Property assigned by this Assignment; all to be held and enjoyed by said Assignee, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by Assignor if this assignment and sale had not been made.

From time to time after the date hereof, at the request of either party hereto, and at the expense of the party so requesting, each of the parties hereto shall execute and deliver to such requesting party such documents and take such other action as such requesting party may reasonably request in order to consummate more effectively the transactions contemplated hereby.

The Assignor further covenants and agrees that, at the time of the execution and delivery of these presents, it possesses full title to the Assigned Intellectual Property, and that it has the unencumbered right and authority to make this Assignment.

IN WITNESS WHEREOF, the Assignor has caused this assignment to be executed this  
5<sup>th</sup> day of February, 2024.

**ASSIGNOR:**

ALIBABA GROUP HOLDING LIMITED

By: KE XIAOPENG

Print Name: KE XIAOPENG

Title: Patent Legal Director/Authorized Representative

IN WITNESS WHEREOF, the Assignee has caused this assignment to be executed this  
5<sup>th</sup> day of February, 2024.

**ASSIGNEE:**

**ALIBABA SINGAPORE HOLDING PRIVATE LIMITED**

By: KE Xiaopeng

Print Name: KE XIAOPENG

Title: Patent Legal Director/Authorized Representative

**Assignment Between**  
**ALIBABA GROUP HOLDING LIMITED**

**and**

**ALIBABA SINGAPORE HOLDING PRIVATE LIMITED**

**SCHEDULE A**

**Pending Applications**

	<b>BABA Ref</b>	<b>Y/R</b>	<b>Country</b>	<b>Application No.</b>	<b>Filing Date</b>
1	PCT29098US	AB1-1038US	US	17987596	21 May 2021
2	PCT30739US	AB1-1056US	US	18128573	27 Sep 2021

**Issued Patents**

	<b>BABA Ref</b>	<b>Y/R</b>	<b>Jurisdiction</b>	<b>App No</b>	<b>Filing date</b>	<b>Patent No</b>	<b>Issue date</b>
1	PCT0143US	AB1-0063US	US	12594930	28 Aug 2007	8676811	18 Mar 2014
2	PCT0143USC1	AB1-0063USC1	US	14160364	21 Jan 2014	8874588	28 Oct 2014
3	PCT0142US	AB1-0064US	US	12532986	28 Aug 2007	8768906	1 Jul 2014
4	PCT0330US	AB1-0081US	US	12863374	29 Apr 2010	10209863	19 Feb 2019
5	A1243US	AB1-0177US	US	13802004	13 Mar 2013	9665622	30 May 2017
6	A1382US	AB1-0194US	US	13902616	24 May 2013	9332380	3 May 2016
7	A1382USC1	AB1-0194USC1	US	15087042	31 Mar 2016	9690806	27 Jun 2017
8	A1382USC2	AB1-0194USC2	US	15601695	22 May 2017	10095711	9 Oct 2018
9	A2221US	AB1-0279US	US	14631746	25 Feb 2015	9538372	3 Jan 2017
10	A3078US	AB1-0350US	US	14851464	11 Sep 2015	10055741	21 Aug 2018
11	A4746US	AB1-0439US	US	15247490	25 Aug 2016	10268685	23 Apr 2019
12	A4746USC1	AB1-0439USC1	US	16286444	26 Feb 2019	10810379	20 Oct 2020
13	A5102US	AB1-0440US	US	15247690	25 Aug 2016	10255275	9 Apr 2019
14	A5102USC1	AB1-0440USC1	US	16267207	4 Feb 2019	10860808	8 Dec 2020
15	A5532US	AB1-0443US	US	15223950	29 Jul 2016	10108607	23 Oct 2018
16	A6272US	AB1-0446US	US	15273509	22 Sep 2016	10180940	15 Jan 2019
17	PCT4990US	Others	US	15813984	27 May 2016	10963935	30 Mar 2021
18	PCT7783US	Others	US	16140825	24 Mar 2017	11165885	2 Nov 2021
19	A0807US	Others	US	13625428	24 Sep 2012	9069052	30 Jun 2015
20	A1259US	Others	US	13915378	11 Jun 2013	9582570	28 Feb 2017
21	A1290US	Others	US	13852201	28 Mar 2013	8875291	28 Oct 2014
22	A1290USC1	Others	US	14491458	19 Sep 2014	9223968	29 Dec 2015
23	A1529US	Others	US	14056867	17 Oct 2013	9785989	10 Oct 2017
24	A4192US	Others	US	15130659	15 Apr 2016	9740688	22 Aug 2017
25	A6352US	Others	US	15287562	6 Oct 2016	10296636	21 May 2019
26	A5531US	Others	US	15242311	19 Aug 2016	10104037	16 Oct 2018