

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

Assignment ID: PAT1173556

|                              |                |
|------------------------------|----------------|
| <b>SUBMISSION TYPE:</b>      | NEW ASSIGNMENT |
| <b>NATURE OF CONVEYANCE:</b> | ASSIGNMENT     |
| <b>SEQUENCE:</b>             | 2              |

**CONVEYING PARTY DATA**

| Name                          | Execution Date |
|-------------------------------|----------------|
| Alibaba Group Holding Limited | 02/05/2024     |

**RECEIVING PARTY DATA**

|                          |   |
|--------------------------|---|
| <b>Company Name:</b>     | Alibaba Singapore Holding Private Limited |
| <b>Street Address:</b>   | 51 Bras Basah Road                        |
| <b>Internal Address:</b> | #01-21 Lazada One                         |
| <b>City:</b>             | Singapore                                 |
| <b>State/Country:</b>    | SINGAPORE                                 |
| <b>Postal Code:</b>      | 189554                                    |

**PROPERTY NUMBERS Total: 7**

| Property Type       | Number   |
|---------------------|----------|
| Application Number: | 13902616 |
| Application Number: | 15087042 |
| Application Number: | 15601695 |
| Application Number: | 14631746 |
| Application Number: | 14851464 |
| Application Number: | 15247490 |
| Application Number: | 16286444 |

**CORRESPONDENCE DATA****Fax Number:** 5093249256*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:** 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

|                                |            |
|--------------------------------|------------|
| <b>ATTORNEY DOCKET NUMBER:</b> | AB1-0001MI |
| <b>NAME OF SUBMITTER:</b>      | Cathy Wang |

PATENT

|  |  |
|--|--|
| <b>SIGNATURE:</b>  | Cathy Wang   |
| <b>DATE SIGNED:</b>  | 04/17/2024   |
|  | This document serves as an Oath/Declaration (37 CFR 1.63). |
| <b>Total Attachments: 5</b><br>source=AB1-0001MI Alibaba Group Holding to Alibaba Singapore Assignment (LH) - US (signed 20240205) (1)#page1.tif<br>source=AB1-0001MI Alibaba Group Holding to Alibaba Singapore Assignment (LH) - US (signed 20240205) (1)#page2.tif<br>source=AB1-0001MI Alibaba Group Holding to Alibaba Singapore Assignment (LH) - US (signed 20240205) (1)#page3.tif<br>source=AB1-0001MI Alibaba Group Holding to Alibaba Singapore Assignment (LH) - US (signed 20240205) (1)#page4.tif<br>source=AB1-0001MI Alibaba Group Holding to Alibaba Singapore 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       |