

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT6217481

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| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| JIAJI ZHU | 06/07/2020 |
| YONG WANG | 04/13/2020 |
| WENHUI YAO | 05/10/2020 |
| YANG WU | 03/14/2020 |
| YUANYUAN DONG | 02/26/2020 |
| DONGZHENG WU | 03/11/2020 |
| RECEIVING PARTY DATA | |
| Name: | ALIBABA GROUP HOLDING LIMITED |
| Street Address: | FOURTH FLOOR, ONE CAPITAL PLACE |
| Internal Address: | P.O. BOX 847 |
| City: | GEORGE TOWN, GRAND CAYMAN |
| State/Country: | CAYMAN ISLANDS |
| PROPERTY NUMBERS Total: 1 | |
| Property Type | Number |
| Application Number: | 15970820 |
| CORRESPONDENCE DATA | |
| Fax Number: | (202)408-4400 |
| <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> | |
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| ATTORNEY DOCKET NUMBER: | 12852.0180-00000 |
| NAME OF SUBMITTER: | JENNIFER GOMES |
| SIGNATURE: | /Jennifer Gomes/ |
| DATE SIGNED: | 07/24/2020 |
| Total Attachments: 7 | |

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ASSIGNMENT

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

DATA WRITE-IN METHOD AND APPARATUS IN A DISTRIBUTED FILE SYSTEM

as claimed in United States Application No. 15/970,820 (Confirmation No. 4194), filed herewith on May 3, 2018, 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 all applications to be filed based on 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 _____ (if any), and the application for United States Letters Patent and the PCT International application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof, and all rights to claim priority in any foreign country on the basis of the above provisional application (if any), as well as all rights to claim priority on the basis of the application for United States Letters Patent and/or the PCT International application in any foreign country, and all applications for Letters Patent which may hereafter be filed for this invention in any foreign country and all Letters Patent which may be granted on this invention in any foreign country, and all extensions, renewals, and reissues thereof; and I/We hereby authorize and request the Director of the United States Patent and Trademark Office and any official of any foreign country whose duty is to issue patents on applications as described above, to issue all Letters Patent for this invention to Assignee, its successors and assigns, in accordance with the terms of this Assignment;

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.

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

Name: Changyu DONG
Address: Alibaba Group Legal Department
5/F Bldg 3 No 999 West Wen Yi Rd, Yu Hang District
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By: _____
Date: _____

Name: Jiali ZHOU
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By: Jiali ZHOU
Date: 2020.4.7

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By: _____
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Name: Yong WANG
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By: _____
Date: _____

IN TESTIMONY WHEREOF, We have hereunto set out hands

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By: _____
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By: Yang WANG
Date: 2020.4.13

Name: Wenbin YAO
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By: _____
Date: _____

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

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By: _____
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By: _____
Date: _____

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By: _____
Date: _____

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Date: _____

Name: Yong WANG
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By: _____
Date: _____

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By: Wenhui YAO
Date: May 10, 2020

SOLE/JOINT INVENTION

(Worldwide Rights)

Attorney Docket No. 12852.0180-00000

Alibaba Ref. No. PCT6022US

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By: _____
Date: _____

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By: Yang WU
Date: 3/14/2020

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By: _____
Date: _____

Name: Dongzheng WU
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By: _____
Date: _____

Name: Jing LU
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SOLE/JOINT INVENTION
(Worldwide Rights)
Attorney Docket No. 12852.0180-00000
Alibaba Ref. No. PCT6022US

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By: *Yuanyuan Dong*
Date: *02/04/2018*

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By: _____
Date: _____

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By: *Dongzheng Wu*
Date: *02/11/2020*

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