

PATENT ASSIGNMENT COVER SHEET

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Stylesheet Version v1.2

EPAS ID: PAT6451660

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
XIANGNING YU	11/01/2020
HAIYANG ZHENG	11/02/2020
GUOHUI WANG	11/15/2020
JIAYAO HU	10/31/2020
HAIYONG WANG	12/05/2020
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:	16655183
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>	
Phone:	2024084000
Email:	sylvia.lopez@finnegan.com
Correspondent Name:	FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER LLP
Address Line 1:	901 NEW YORK AVE., NW
Address Line 4:	WASHINGTON, D.C. 20001
ATTORNEY DOCKET NUMBER:	12852.0305-00000
NAME OF SUBMITTER:	SYLVIA LOPEZ
SIGNATURE:	/Sylvia Lopez/
DATE SIGNED:	12/15/2020
Total Attachments: 5	
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ASSIGNMENT

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

METHOD AND DEVICE FOR MULTI-PATH RETRANSMISSION IN A NETWORK

as claimed in United States Application No. 16/655,183 (Confirmation No. 1000), filed herewith on October 16, 2019, 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;

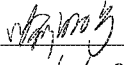
AND, I/WE HEREBY covenant that I/We have the full right to convey the interest assigned by this Assignment, and I/We have not executed and will not execute any agreement in conflict with this Assignment;

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: Xiangning YU
Address: Alibaba Group Legal Department
400 South El Camino Real, Suite 400
San Mateo, CA, 94402

By: 
Date: 11/1/20

Name: Haiyang ZHENG
Address: Alibaba Group Legal Department
400 South El Camino Real, Suite 400
San Mateo, CA, 94402

By: _____
Date: _____

Name: Guohui WANG
Address: Alibaba Group Legal Department
400 South El Camino Real, Suite 400
San Mateo, CA, 94402

By: _____
Date: _____

Name: Jiayao HU
Address: Alibaba Group Legal Department
400 South El Camino Real, Suite 400
San Mateo, CA, 94402

By: _____
Date: _____

Name: Haiyong WANG
Address: Alibaba Group Legal Department
400 South El Camino Real, Suite 400
San Mateo, CA, 94402

By: _____
Date: _____

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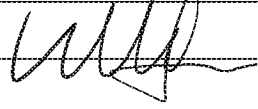
Name: Xiangning YU
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San Mateo, CA, 94402

By: _____
Date: _____

Name: Haiyang ZHENG
Address: Alibaba Group Legal Department
400 South El Camino Real, Suite 400
San Mateo, CA, 94402

By: Haiyang Zheng
Date: 11/02/2020

Name: Guohui WANG
Address: Alibaba Group Legal Department
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By: 
Date: 11/15/2020

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San Mateo, CA, 94402

By: _____
Date: _____

Name: Jiayao HU
Address: Alibaba Group Legal Department
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San Mateo, CA, 94402

By: 
Date: 10/31/2020

Name: Hailong WANG
Address: Alibaba Group Legal Department
400 South El Camino Real, Suite 400
San Mateo, CA, 94402

By: _____
Date: _____

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By: _____
Date: _____

Name: Haiyong WANG
Address: Alibaba Group Legal Department
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By: Wang Haiyong
Date: 12/05/2020