

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT5975614

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
YU-CHEN SUN	02/19/2020
JIAN LOU	02/19/2020
RECEIVING PARTY DATA	
Name:	ALIBABA GROUP HOLDING LIMITED
Street Address:	FOURTH FLOOR, ONE CAPITAL PLACE
Internal Address:	P. O. BOX 847
City:	GRAND CAYMAN
State/Country:	CAYMAN ISLANDS
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16237073
CORRESPONDENCE DATA	
Fax Number:	(509)323-8979
<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:	509-324-9256
Email:	lhpto@leehayes.com
Correspondent Name:	LEE & HAYES, P.C.
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Address Line 2:	SUITE 1400
Address Line 4:	SPOKANE, WASHINGTON 99201
ATTORNEY DOCKET NUMBER:	AB1-0735US
NAME OF SUBMITTER:	CHERRI A. SIMON
SIGNATURE:	/Cherri A. Simon/
DATE SIGNED:	02/21/2020
Total Attachments: 6	
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Serial Number.....16/237,073
Filing Date..... December 31, 2018
Inventorship.....Sun et al.
Assignee..... Alibaba Group Holding Limited
Attorney's Docket No.AB1-0735US
Client Docket No..... A19507US
Title:..... RESOLUTION-ADAPTIVE VIDEO CODING

PATENT ASSIGNMENT

PARTIES TO THE ASSIGNMENT

Assignor(s):

Yu-Chen Sun
c/o Alibaba Group Legal Department
5/F, Building 3, No.969 West Wen Yi Road,
Yu Hang District, Hangzhou, China. 311121

Jian Lou
c/o Alibaba Group Legal Department
5/F, Building 3, No.969 West Wen Yi Road,
Yu Hang District, Hangzhou, China. 311121

Assignee:

Alibaba Group Holding Limited
Fourth Floor, One Capital Place
P.O. Box 847
Grand Cayman
Cayman Islands

AGREEMENT

WHEREAS, ASSIGNOR(S) (listed above) are inventor(s) of an invention entitled
"RESOLUTION-ADAPTIVE VIDEO CODING" for which:

a provisional application for United States Letters Patent was filed on _____ and
was given U.S. Serial No. _____ and/or

a foreign priority Chinese patent application was filed on _____ and was given
CN Patent Application Serial No. _____ and/or

a PCT international application for was filed on and was given PCT Serial No. and/or


a non-provisional application for United States Letters Patent was:

filed on December 31, 2018 and was given U.S. Serial No. 16/237,073; or filed concurrently herewith. Assignors hereby authorize and request ASSIGNEE's legal representatives, of Lee & Hayes, P.C., 601 W Riverside Ave, Suite 1400, Spokane, Washington 99201, who are associated with customer number 29150, to insert in the caption above the serial number and filing date of the patent application when known.

WHEREAS, Alibaba Group Holding Limited (hereinafter referred to as ASSIGNEE), a corporation of Cayman Islands having a place of business at Fourth Floor, One Capital Place, P.O. Box 847, Grand Cayman, Cayman Islands, is desirous of acquiring the entire right, title and interest in and to the invention and in and to any letters patent that may be granted therefore in the United States and in any and all foreign countries;

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR(S) hereby sell, assign and transfer unto ASSIGNEE, the entire right, title and interest in and to said invention, said application and any and all letters patent which may be granted for said invention in the United States of America and its territorial possessions and in any and all foreign countries, and in any and all divisions, reissues and continuations thereof, including the right to file foreign applications directly in the name of ASSIGNEE and to claim priority rights deriving from said United States application to which said foreign applications are entitled by virtue of international convention, treaty or otherwise, said invention, application and all letters patent on said invention to be held and enjoyed by ASSIGNEE and its successors and assigns for their use and benefit and of their successors and assigns as fully and entirely as the same would have been held and enjoyed by ASSIGNOR(S) had this assignment, transfer and sale not been made. ASSIGNOR(S) hereby authorize and request the Commissioner of Patents and Trademarks to issue all letters patent on said

invention to ASSIGNEE. ASSIGNOR(S) agree to execute all instruments and documents required for the making and prosecution of applications for United States and foreign letters patent on said invention, for litigation regarding said letters patent, or for the purpose of protecting title to said invention or letters patent therefore.

<p>Yu-Chen Sun</p> <p>Yu-Chen Sun</p> <p>02/19/2020</p> <p>Date (mm/dd/yyyy)</p>	<p></p> <p>Witness Signature</p> <p>Mengyong Sun</p> <p>Name (printed)</p> <p>02/19/2020</p> <p>Date (mm/dd/yyyy)</p>
<p>Jian Lou</p> <p>Date (mm/dd/yyyy)</p>	<p>Witness Signature</p> <p>Name (printed)</p> <p>Date (mm/dd/yyyy)</p>

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Assignor(s):

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c/o Alibaba Group Legal Department
5/F, Building 3, No.969 West Wen Yi Road,
Yu Hang District, Hangzhou, China. 311121

Jian Lou
c/o Alibaba Group Legal Department
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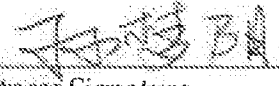
a non-provisional application for United States Letters Patent was:

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NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR(S) hereby sell, assign and transfer unto ASSIGNEE, the entire right, title and interest in and to said invention, said application and any and all letters patent which may be granted for said invention in the United States of America and its territorial possessions and in any and all foreign countries, and in any and all divisions, reissues and continuations thereof, including the right to file foreign applications directly in the name of ASSIGNEE and to claim priority rights deriving from said United States application to which said foreign applications are entitled by virtue of international convention, treaty or otherwise, said invention, application and all letters patent on said invention to be held and enjoyed by ASSIGNEE and its successors and assigns for their use and benefit and of their successors and assigns as fully and entirely as the same would have been held and enjoyed by ASSIGNOR(S) had this assignment, transfer and sale not been made. ASSIGNOR(S) hereby authorize and request the Commissioner of Patents and Trademarks to issue all letters patent on said

invention to ASSIGNEE. ASSIGNOR(S) agree to execute all instruments and documents required for the making and prosecution of applications for United States and foreign letters patent on said invention, for litigation regarding said letters patent, or for the purpose of protecting title to said invention or letters patent therefore.

<p>_____ Yu-Chen Sun</p> <p>_____ Date (mm/dd/yyyy)</p>	<p>_____ Witness Signature</p> <p>_____ Name (printed)</p> <p>_____ Date (mm/dd/yyyy)</p>
<p> _____ Jian Lou</p> <p>02/19/2020 _____ Date (mm/dd/yyyy)</p>	<p> _____ Witness Signature</p> <p>Mengyang Sun _____ Name (printed)</p> <p>02/19/2020 _____ Date (mm/dd/yyyy)</p>