505929043 02/21/2020

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

Version v1.1 EPAS ID: PAT5975761

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
YU-CHEN SUN	02/18/2020
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:	16198292

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using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

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NAME OF SUBMITTER:	CHERRI A. SIMON	
SIGNATURE:	/Cherri A. Simon/	
DATE SIGNED:	02/21/2020	

Total Attachments: 6

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PATENT 505929043 REEL: 051888 FRAME: 0492

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> PATENT REEL: 051888 FRAME: 0493

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Serial Number
Filing Date
Inventorship
Assignee
Attorney's Docket No
Client Docket No
Title:CODING UNIT SIZE ADAPTIVE PALETTE MODE FOR VIDEO COMPRESSION SYSTEM
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
0 ,
Allian I in the I
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
"CODING UNIT SIZE ADAPTIVE PALETTE MODE FOR VIDEO COMPRESSION SYSTEM
for which:
a provisional application for United States Letters Patent was filed ona
was given U.S. Serial Noand/or
a foreign priority Chinese patent application was filed on and was given
CN Patent Application Serial No. and for

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PATENT REEL: 051888 FRAME: 0494

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

∏ filed on 21 November 2018 and was given U.S. Serial No. 16/198,292; 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

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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.

Yu-Chen Sun 02/18/2020 Date (mm/dd/yyyy)	Witness Signature Mengyang Sun Name (printed) 22/19/2020 Date (mm/dd/yyyy)
Jian Lou Date (mm/dd/yyyy)	Witness Signature Name (printed) Date (mm/dd/yyyy)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Serial Number Filing Date Inventorship Sun et al. Assignee Attorney's Docket No. AB1-0727US Client Docket No. A18908 Title:CODING UNIT SIZE ADAPTIVE PALETTE MODE FOR VIDEO COMPRESSION SYSTEM
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
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 "CODING UNIT SIZE ADAPTIVE PALETTE MODE FOR VIDEO COMPRESSION SYSTEM" for which:
a provisional application for United States Letters Patent was filed onand
was given U.S. Serial Noand/or
a foreign priority Chinese patent application was filed on and was given
CN Patent Application Serial Noand/or

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□ 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 21 November 2018 and was given U.S. Serial No. 16/198,292; 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

Page 2 of 3

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.

Yu-Chen Sun	Witness Signature
Date (mm/dd/yyyy)	Name (printed)
	Date (mm/dd/yyyy)
Jian Lou 02/[9/2020 Date (mm/dd/yyyy)	Witness Signature Alenguang Sun Name (printed) 02/19/2020 Date (mm/dd/yyyy)