

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT6073672

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
MINGHAI QIN	02/28/2020
TAE MEON BAE	03/04/2020
GUAN LIN WU	02/04/2020
YEN-KUANG CHEN	02/27/2020
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	ALIBABA GROUP HOLDING //LIMITED
<b>Street Address:</b>	FOURTH FLOOR, ONE CAPITAL PLACE
<b>Internal Address:</b>	P.O. BOX 847
<b>City:</b>	GEORGETOWN, GRAND CAYMAN
<b>State/Country:</b>	CAYMAN ISLANDS
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16797809
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(408)938-9069
<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>	
<b>Phone:</b>	408-938-9060
<b>Email:</b>	cholland@mhbpatents.com
<b>Correspondent Name:</b>	MURABITO, HAO & BARNES LLP
<b>Address Line 1:</b>	111 NORTH MARKET STREET
<b>Address Line 2:</b>	SUITE 700
<b>Address Line 4:</b>	SAN JOSE, CALIFORNIA 95113
<b>ATTORNEY DOCKET NUMBER:</b>	BABA-A25174US
<b>NAME OF SUBMITTER:</b>	JAMES P. HAO
<b>SIGNATURE:</b>	/James P. Hao/
<b>DATE SIGNED:</b>	04/22/2020
<b>Total Attachments: 3</b>	
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source=BABA-A25174US_Assignment#page2.tif	



### Assignment to Alibaba Group Holding Limited

In consideration of good and valuable consideration, receipt of which is hereby acknowledged, I/we Minghai QIN, Tae Meon BAE, Guanlin WU, Yen-kuang CHEN

do hereby sell, assign, and transfer unto Alibaba Group Holding Limited a Corporation having its principle place of business at Fourth Floor, One Capital Place, P.O. Box 847, Georgetown Grand Cayman, Cayman Islands and its successors and assigns, the entire right, title, and interest for the United States and all foreign countries, in and to any and all improvements, including the right of priority in, to, and under, the application for the United States patent entitled:

#### SYSTEM AND METHOD TO USE DECODER INFORMATION IN VIDEO SUPER RESOLUTION

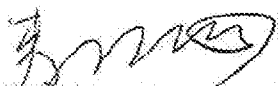
filed herewith and the inventions set forth and described therein, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefor; or

Serial No.: 16/797,809 filed on 2/21/2020 and the inventions set forth and described therein, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefor;

And for the above consideration, I/we agree promptly upon request of Alibaba Group Holding Limited its successors or assigns, to execute and deliver without further compensation any power of attorney, assignment, application, whether original, continuation, divisional or reissue, or other papers which may be necessary or desirable fully to secure to Alibaba Group Holding Limited, its successors and assigns, the inventions described in said application and all patent rights therein, in the United States and in any country foreign thereto, and to cooperate and assist in the prosecution of interference proceedings involving said inventions and in the adjudication or reexamination of said Letters Patent provided the expenses which may be incurred by me/us in lending such cooperation and assistance are paid by Alibaba Group Holding Limited.

I/we further covenant with Alibaba Group Holding Limited its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned;

In witness whereof, I/we hereunto set my/our hand(s) and seal:

Inventor's Signature:  Date: Feb. 28. 2020  
Minghai QIN

Inventor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Tae Meon BAE

### Assignment to Alibaba Group Holding Limited

In consideration of good and valuable consideration, receipt of which is hereby acknowledged, I/we Minghai QIN, Tae Meon BAE, Guanlin WU, Yen-kuang CHEN

do hereby sell, assign, and transfer unto Alibaba Group Holding Limited a Corporation having its principle place of business at Fourth Floor, One Capital Place, P.O. Box 847, Georgetown Grand Cayman, Cayman Islands and its successors and assigns, the entire right, title, and interest for the United States and all foreign countries, in and to any and all improvements, including the right of priority in, to, and under, the application for the United States patent entitled:

#### SYSTEM AND METHOD TO USE DECODER INFORMATION IN VIDEO SUPER RESOLUTION

\_\_\_\_\_ filed herewith and the inventions set forth and described therein, and any and all Letters Patent of the \_\_\_\_\_ United States and of countries foreign thereto which may be granted thereon or therefor; or

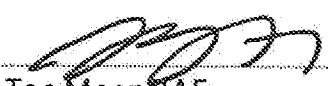
Serial No.: 16/797,809 filed on 2/21/2020 and the inventions set forth \_\_\_\_\_ and described therein, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefor;

And for the above consideration, I/we agree promptly upon request of Alibaba Group Holding Limited its successors or assigns, to execute and deliver without further compensation any power of attorney, assignment, application, whether original, continuation, divisional or reissue, or other papers which may be necessary or desirable fully to secure to Alibaba Group Holding Limited, its successors and assigns, the inventions described in said application and all patent rights therein, in the United States and in any country foreign thereto, and to cooperate and assist in the prosecution of interference proceedings involving said inventions and in the adjudication or reexamination of said Letters Patent provided the expenses which may be incurred by me/us in lending such cooperation and assistance are paid by Alibaba Group Holding Limited.

I/we further covenant with Alibaba Group Holding Limited its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned;

In witness whereof, I/we hereunto set my/our hand(s) and seal:

Inventor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Minghai QIN

Inventor's Signature:  \_\_\_\_\_ Date: 3/4/2020  
Tae Meon BAE

Inventor's Signature:

Guan-Lin Wu  
GUAN LIN WU

Date:

2/4/2020

Inventor's Signature:

Yen-kuang Chen  
Yen-kuang CHEN

Date:

2/27/2018