506538310 03/04/2021

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6585087

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
WEI HAN	10/19/2020
SHUANGCHEN LI	09/28/2020
LIDE DUAN	09/26/2020
HONGZHONG ZHENG	09/28/2020
DIMIN NIU	10/07/2020
YUHAO WANG	10/06/2020
XIAOXIN FAN	10/19/2020

RECEIVING PARTY DATA

Name:	ALIBABA GROUP HOLDING LIMITED	
Street Address:	FOURTH FLOOR	
Internal Address:	ONE CAPITAL PLACE, P.O. BOX 847	
City:	GEORGETOWN GRAND CAYMAN	
State/Country:	CAYMAN ISLANDS	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17037134

CORRESPONDENCE DATA

Fax Number: (408)938-9069

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.

Phone: 4089389060

Email: cholland@mhbpatents.com

MURABITO, HAO & BARNES LLP **Correspondent Name:** 111 NORTH MARKET STREET Address Line 1:

Address Line 2: SUITE 700

Address Line 4: SAN JOSE, CALIFORNIA 95113

ATTORNEY DOCKET NUMBER:	BABA-A29951US
NAME OF SUBMITTER:	JAMES P. HAO
SIGNATURE:	/JAMES P. HAO/
DATE SIGNED:	03/04/2021

PAIENI **REEL: 055500 FRAME: 0372** 506538310

Total Attachments: 7 source=BABA-A29951US_ASSIGNMENT#page1.tif source=BABA-A29951US_ASSIGNMENT#page2.tif source=BABA-A29951US_ASSIGNMENT#page3.tif source=BABA-A29951US_ASSIGNMENT#page4.tif source=BABA-A29951US_ASSIGNMENT#page5.tif source=BABA-A29951US_ASSIGNMENT#page6.tif

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PATENT REEL: 055500 FRAME: 0373

Attorney Docket No.:	BABA-A29951US

In consideration of good and valuable consideration, receipt of which is hereby acknowledged, I/we Wei HAN, Shuangchen LI, Lide DUAN, Hongzhong ZHENG, Dimin NIU, Yuhao WANG, Xiaoxin FAN

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:

X filed herewith and the inventions set forth and described therein, and any and all Letters Patent of

MEMORY INTERCONNECTION ARCHITECTURE SYSTEMS AND METHODS

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United States an	d of countries foreign thereto which	may be granted the	reon or therefor; or
Serial No.:	filed on		e inventions set forth
	nerein, and any and all Letters Patent ay be granted thereon or therefor;	of the United Sta	tes and of countries foreign
its successors or ass assignment, application to the necessary or desirthe inventions descriptountry foreign thereinvolving said inventional expenses which may Alibaba Group Holding further covening the property herein converses that a property herein converses assignments.	consideration, I/we agree promptly upigns, to execute and deliver without ion, whether original, continuation, deable fully to secure to Alibaba Groubed in said application and all paterneto, and to cooperate and assist intions and in the adjudication or reesty be incurred by me/us in lending ing Limited. The same and the same are to the same assignment, grant, mortgage, licenteyed has been made to others by the ssed is possessed by the undersigned.	t further compensativisional or reissual properties to Holding Limited trights therein, in the prosecution examination of said such cooperation. Limited its such ase, or other agree to undersigned, and	ation any power of attorney, e, or other papers which may d, its successors and assigns, the United States and in any of interference proceedings. Letters Patent provided the and assistance are paid by cessors, assigns, and legal ment affecting the rights and
	e hereunto set my/our hand(s) and seal:		
Inventor's Signature:	Wei Han Wei HAN	Date:	10/19/2020
Inventor's Signature:	Shuangchen LI		
nventor's Signature:	Lide DUAN		
<u>-</u>			
Inventor's Signature:	Hongzhong ZHENG	Date:	

Attorney Docket No.:	BABA-A29951US

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United States ar	nd of countries foreign thereto which	may be granted thereon or therefor; or
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its successors or assassignment, applicate the necessary or desirate inventions described involving said inversexpenses which may alibaba Group Hold I/we further coven representatives that approperty herein converses in the succession of the succ	signs, to execute and deliver without ion, whether original, continuation, described in said application and all patenties, and to cooperate and assist intions and in the adjudication or reexy be incurred by me/us in lending ing Limited. ant with Alibaba Group Holding no assignment, grant, mortgage, licer	on request of Alibaba Group Holding Limite further compensation any power of attorney ivisional or reissue, or other papers which map Holding Limited, its successors and assigns rights therein, in the United States and in an the prosecution of interference proceeding tamination of said Letters Patent provided the such cooperation and assistance are paid by Limited its successors, assigns, and legals, or other agreement affecting the rights and undersigned, and that full right to convey the
In witness whereof, I/w	ve hereunto set my/our hand(s) and seal:	
Inventor's Signature:	Wei HAN	Date:
Inventor's Signature:	Shuangchen LI	Date: 09/28/2020
Inventor's Signature:	Lide DUAN	Date:
Inventor's Signature:	Hongzhong ZHENG	Date:

Attorney Docket No.:	BABA-A29951US

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the		·	
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its successors or assassignment, applicate the necessary or desirthe inventions descriptountry foreign the involving said inventional expenses which may Alibaba Group Hold I/we further covent representatives that a property herein converses assistance.	igns, to execute and deliver with ion, whether original, continuate rable fully to secure to Alibaba bed in said application and alleto, and to cooperate and assistions and in the adjudication of y be incurred by me/us in lering Limited. ant with Alibaba Group Ho no assignment, grant, mortgage.	thy upon request of Alibaba Group Hothout further compensation any powon, divisional or reissue, or other pap Group Holding Limited, its successor patent rights therein, in the United Statist in the prosecution of interference reexamination of said Letters Patending such cooperation and assistance ding Limited its successors, assignicense, or other agreement affecting by the undersigned, and that full right gned;	er of attorney, ers which may rs and assigns, ates and in any re proceedings at provided the re are paid by the rights and legal the rights and
n witness whereof, I/w	re hereunto set my/our hand(s) and	seal:	
Inventor's Signature:	Wei HAN	Date:	
Inventor's Signature:	Shuangchen LI	Date:	
Inventor's Signature:	Lide DUAN	Date: 9/26/2020	
Inventor's Signature:	Hongzhong ZHENG	Date:	

Attorney Docket No.:	BABA-A29951US

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X filed herewith and the inventions set forth and described therein, and any and all Letters Patent of

MEMORY INTERCONNECTION ARCHITECTURE SYSTEMS AND METHODS

the		·				
United States and of countries foreign thereto which may be granted thereon or therefor; or						
Serial No.:	filed on	and the inventions set forth				
Serial No.: filed on 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 expre	ssed is possessed by the undersign	gned;				
In witness whereof, I/we hereunto set my/our hand(s) and seal:						
Inventor's Signature:	Wei HAN					
Inventor's Signature:	Shuangchen Ll	Date:				
Inventor's Signature:	Lide DUAN	Date:				
Inventor's Signature:	Zheng, Hongzhong Hongzhong ZHENG	Date: <u>09/28/2020</u>				

Inventor's Signature:		Date:	2020/10/07
	Dimin NIU		
Inventor's Signature:	Yuhao WANG	Date:	
	Tuliao WANG		
Inventor's Signature:	Xiaoxin FAN	Date:	

Attorney Docket No.: BABA-A29951US

Inventor's Signature:		Date:	
-	Dimin NIU	•	
Inventor's Signature:	Ychao Wag	Date:	2020-10-06
	Yuhao WANG	-	
Inventor's Signature:		Date:	
	Xiaoxin FAN		

Attorney Docket No.: BABA-A29951US

Inventor's Signature:	Dimin NIU	Date:	
Inventor's Signature:	Yuhao WANG	Date:	
Inventor's Signature:	Xiaojin Fan	Date:	10/19/2020
	Xiaoxin FAN		

Attorney Docket No.: BABA-A29951US