505482736 05/17/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5529540

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE: ASSIGNMENT	

CONVEYING PARTY DATA

Name	Execution Date	
JUNPING ZHAO	05/13/2019	
JINPENG LIU	05/13/2019	
KUN WANG	05/13/2019	

RECEIVING PARTY DATA

Name:	EMC IP HOLDING COMPANY LLC	
Street Address:	176 SOUTH STREET	
City:	HOPKINTON	
State/Country:	MASSACHUSETTS	
Postal Code: 01748		

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16415746

CORRESPONDENCE DATA

Fax Number: (631)393-6271

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: (631) 393-6270

Email: nyoffice@rml-law.com
Correspondent Name: WILLIAM E. LEWIS

Address Line 1: RYAN, MASON & LEWIS, LLP

Address Line 2: 48 SOUTH SERVICE ROAD, SUITE 100

Address Line 4: MELVILLE, NEW YORK 11747

ATTORNEY DOCKET NUMBER: 112383.02

NAME OF SUBMITTER: WILLIAM E. LEWIS

SIGNATURE: /William E. Lewis/

DATE SIGNED: 05/17/2019

Total Attachments: 3

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PATENT 505482736 REEL: 049214 FRAME: 0479

ASSIGNMENT

WHEREAS, we, Junping Zhao, Jinpeng Liu and Kun Wang, have invented an invention comprising and/or embodying certain improvements or discoveries or both as described in an application for Letters Patent of the United States entitled METHOD, DEVICE, AND COMPUTER PROGRAM PRODUCT FOR ASSIGNING TASKS TO DEDICATED PROCESSING RESOURCES, the specification of which:

[X]	States Patent Office;	with and is about to be fil	led in the	United
[]	was filed on	as U.S. Application No.		;
	was patented under U.S. Patent No.	on		

WHEREAS, EMC IP Holding Company LLC (hereinafter "ASSIGNEE"), a limited liability company organized and existing under the laws of the State of Delaware and having a usual place of business at 176 South Street, Hopkinton, Massachusetts 01748 desires to acquire an interest therein in accordance with agreements duly entered into with us;

NOW, THEREFORE, to all whom it may concern be it known that for and in consideration of said agreements and of other good and valuable consideration, the receipt of which is hereby acknowledged, we have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, the entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to said invention as described in said application, together with the entire right, title and interest in and to said application and such Letters Patent as may issue thereon; said invention, application and Letters Patent to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held by us had this assignment and sale not been made; we hereby convey to ASSIGNEE all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for Letters Patent. We hereby acknowledge that this assignment, being of the entire right, title and interest in and to said invention, carries with it the right in ASSIGNEE to apply for and obtain from competent authorities in all countries of the world any and all Letters Patent by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all such Letters Patent to ASSIGNEE for its own name as assignee of the entire right, title and interest therein;

AND, we hereby further agree for ourselves and our executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid invention to said ASSIGNEE, its successors, assigns and legal representatives, but at its or their expense and charges, including the execution of applications for patents in foreign countries, and the execution of substitution,

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reissue, divisional or continuation applications and preliminary or other statements and the giving of testimony in any interference or other proceeding in which said invention or any application or patent directed thereto may be involved;

AND, we do hereby authorize and request the Commissioner of Patents of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said ASSIGNEE, its successors, assigns, and legal representatives.

IN TESTIMONY WHEREOF, we have hereunto set our hands and affixed our seals as set forth below:

Date: May 13, 2019	Junping Zhao Inventor's Signature
Full name of first inventor: Residence: Citizenship: Mailing Address:	Junping Zhao Beijing, China China 18th Floor Block D, Tsinghua Science Park No. 1 Zhong Guan Cun East Road Beijing, China 100084
Date: May 13, 2019	Jinpeng Lin Inventor's Signature
Full name of second inventor: Residence: Citizenship: Mailing Address:	Jinpeng Liu Shanghai, China China Wuhan 10 Rongyuan Road Shanghai, China 430067
Date: (). 201	Kun Word Inventor's Signature
Full name of third inventor: Residence: Citizenship: Mailing Address:	Kun Wang Beijing, China China No. 288, Chaoyangmennei Dajie Dongcheng District Beijing, China 100010