506299611 10/13/2020

EPAS ID: PAT6346361

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

 SUBMISSION TYPE:
 NEW ASSIGNMENT

 NATURE OF CONVEYANCE:
 ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
KUOLIN HUA	10/07/2020
KUNXIU GAO	10/06/2020

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:	17068880

CORRESPONDENCE DATA

Fax Number:

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: 978 264 4001

Email: handerson@andersongorecki.com

Correspondent Name: ANDERSON GORECKI LLP
Address Line 1: ONE MARINA PARK DRIVE

Address Line 2: SUITE 1410

Address Line 4: BOSTON, MASSACHUSETTS 02210

ATTORNEY DOCKET NUMBER:	130-268 122102.01
NAME OF SUBMITTER:	HOLMES W. ANDERSON
SIGNATURE:	/Holmes W. Anderson/
DATE SIGNED:	10/13/2020

Total Attachments: 3

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PATENT 506299611 REEL: 054033 FRAME: 0212

PATENT/Joint Assignment Attorney Docket No.: 130-268 Assignee Docket No.: 121102.01

ASSIGNMENT

WHEREAS we, **Kuolin Hua and Kunxiu Gao**, have conceived of an invention as described in a United States patent application entitled

PREDICTIVE REDISTRIBUTION OF CAPACITY IN A FLEXIBLE RAID SYSTEM.

the specification of which:

[X]	[X] has been completed and is being filed in the United States Patent Of contemporaneously with this assignment;		
[]	was filed on	as U.S. Application No	;
[]	was patented under U.S. Pa	ent Noon	

WHEREAS, **EMC IP HOLDING COMPANY LLC** (hereinafter "ASSIGNEE"), a Delaware limited liability company having a usual place of business at 176 South Street, Hopkinton, Massachusetts 01748 desires to acquire an interest therein in accordance with agreements entered 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 do hereby sell, assign, and transfer to 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 other countries, in and to the invention as described in the patent application, together with the entire right, title, and interest in and to the patent application and any and all patents that may issue therefrom; said invention, patent application, and patents to be held and enjoyed by the 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 patents may be granted as fully and entirely as the same would have been held by the inventors 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, and 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 patents by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all such patents 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 the ASSIGNEE, its successors, assigns, and legal representatives, but at its or their expense and charges, including

PATENT REEL: 054033 FRAME: 0213 PATENT/Joint Assignment Attorney Docket No.: 130-268 Assignee Docket No.: 121102.01

but not limited to the execution of applications for patents in foreign countries, and the execution of substitution, 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 patents as shall be granted upon said patent application or applications based thereon to said ASSIGNEE, its successors, assigns, and legal representatives;

AND, we do hereby appoint as our attorneys the members of Anderson Gorecki LLP, whose full office address is One Marina Park Drive, Suite 1410, Boston, MA 02210, and authorize those attorneys to correct errors in this Assignment and to insert any further identification and other information necessary or desirable to make this Assignment suitable for recording in a domestic or foreign Patent Office.

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

Date: (- 7 - 2020	La Ha
	Inventor's Signature
Print full name of inventor	Kuolin Hua
Residence	25 Vesta Road, Natick, MA 01760
Citizenship	US
Mailing Address	176 South Street
	Hopkinton, MA 01748
Date:	
	Inventor's Signature
Print full name of inventor	Kunxiu Gao
Residence	63 Mayfair Drive, Boxborough, MA 01719
Citizenship	
Mailing Address	176 South Street
	Hopkinton, MA 01748

PATENT REEL: 054033 FRAME: 0214 PATENT/Joint Assignment Attorney Docket No.: 130-268 Assignee Docket No.: 121102.01

but not limited to the execution of applications for patents in foreign countries, and the execution of substitution, 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 patents as shall be granted upon said patent application or applications based thereon to said ASSIGNEE, its successors, assigns, and legal representatives;

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Date:	
	Inventor's Signature
Print full name of inventor	Kuolin Hua
Residence	25 Vesta Road, Natick, MA 01760
Citizenship	US
Mailing Address	176 South Street
	Hopkinton, MA 01748
Date: 10 06 2020	Inventor's Signature
Print full name of inventor	Kunxiu Gao
Residence	63 Mayfair Drive, Boxborough, MA 01719
Citizenship	US
Mailing Address	176 South Street
	Hopkinton, MA 01748