#### 506270272 09/24/2020

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT6317019

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
PENGFEI WU	07/26/2018
STEPHEN J. TODD	08/12/2018
KUN WANG	07/27/2018

## **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:	17031282

## 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: 48 SOUTH SERVICE ROAD, SUITE 100

Address Line 2: RYAN, MASON & LEWIS, LLP

Address Line 4: MELVILLE, UNITED STATES 11747

ATTORNEY DOCKET NUMBER:	111731.02
NAME OF SUBMITTER:	WILLIAM E. LEWIS
SIGNATURE:	/William E. Lewis/
DATE SIGNED:	09/24/2020

#### **Total Attachments: 10**

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> **PATENT** REEL: 053877 FRAME: 0241 506270272



PATENT REEL: 053877 FRAME: 0242

## **ASSIGNMENT**

WHEREAS, we, Pengfei Wu, Stephen J. Todd 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 DECENTRALIZED POLICY PUBLISH AND QUERY SYSTEM FOR MULTI-CLOUD COMPUTING ENVIRONMENT, the specification of which:

[X]	States Patent Office;	ewith and is about to be filed 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,

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: 2018/7/26	Pengfei Wu
	Inventor's Signature
Print full name of first inventor:	Pengfei Wu
Residence:	Shanghai, China
Citizenship:	China
Mailing Address:	5 <sup>th</sup> Floor, 1 <sup>st</sup> Building, KIC Plaza, No. 252 Songhu Road, Yangpu District Shanghai, China 200433
I Yav Yelin	(name) whose residential address is
personally known to me, execute the	(signature of first witness)  KIC Plaza, No. 32 Songhu Koad, Shanghai, China (location of witness signature)
was personally present and did see Popersonally known to me, execute the	<del>-</del>
Signed at 5th   Buildi	(signature of second witness)  AS KIC Plaza NV. 252, Sonthu Rd, SH CLina  of 20 <sup>20</sup> 8 (date of signature)

Date:	
	Inventor's Signature
Print full name of second inventor:	Stephen J. Todd
Residence:	Center Conway, New Hampshire
Citizenship:	United States of America
Mailing Address:	1857 White Mountain Highway, #301
	North Conway, New Hampshire 03860
I	(name) whose residential address is
was personally present and did see St who is personally known to me, execu	tephen J. Todd (name of person signing the assignment) ute the above assignment.
	(signature of first witness)
Signed at	(location of witness signature)
on this day	of 20 (date of signature)
I	(name) whose residential address is
was personally present and did see St who is personally known to me, execution	rephen J. Todd (name of person signing the assignment) ute the above assignment.
	(signature of second witness)
Signed at	(location of witness signature)
on this day	of 20 (date of signature)

Date: 2012/7/27	
	faventor's Signacare
Print full range of third inventor:	Kun Wang
Residence	Beijing, Chinx
Citizenship	China 1
Mailing Address	No 288, Chaoyangmennei Dajie Dongcheng District Beijing, China 100010
1 R. Chen	(name) whose residential address is
	Thoughest Con Fest Load . Be Via P.P.C. in Whig (name of person signing the hadgement) who is bove assignment.
B. Chan	(signature of first witness)
Signed at Berjung 115 158	Gocation of witness signature)
on this day 12 44	of 20 💋 (date of signature)
1 /w Zav	(name) whose recidential address is
	. Zhomaquan Cim. Foot. Pood., Doiling P.R.C. on Wang (name of person signing the assignment) who is those assignment
Mg.o Zav	(eignature of second witness)
Signed at BOLTING 8/E TC?	(iccation of witness signature)
on das day	of 20 🖔 (date of signature)

## **ASSIGNMENT**

WHEREAS, we, Pengfei Wu, Stephen J. Todd 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 DECENTRALIZED POLICY PUBLISH AND QUERY SYSTEM FOR MULTI-CLOUD COMPUTING ENVIRONMENT, the specification of which:

	is being executed on even date herewith and is about to be filed in the United States Patent Office;	
[X]	was filed on July 30, 2018 as U.S. Application No. 16/048,785;	
	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,

PATENT REEL: 053877 FRAME: 0248

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:	
	Inventor's Signature
Print full name of first inventor:	Pengfei Wu
Residence:	Shanghai, China
Citizenship:	China
Mailing Address:	5 <sup>th</sup> Floor, 1 <sup>st</sup> Building, KIC Plaza, No. 252 Songhu Road, Yangpu District Shanghai, China 200433
I	(name) whose residential address is
personally known to me, execute the	Pengfei Wu (name of person signing the assignment) who is e above assignment.  (signature of first witness)
Signed at	(location of witness signature)
on this day	of 20 (date of signature)
I	(name) whose residential address is
was personally present and did see I personally known to me, execute the	Pengfei Wu (name of person signing the assignment) who is e above assignment.
	(signature of second witness)
Signed at	(location of witness signature)
on this day	of 20 . (date of signature)

Date: /	
Au6 12 2018	SAHA J (a)>
	Inventor's Signature
Print full name of second inventor:	Stephen J. Todd
Residence:	Center Conway, New Hampshire
Citizenship:	United States of America
Mailing Address:	1857 White Mountain Highway, #301
	North Conway, New Hampshire 03860
I THOME HOLT	(name) whose residential address is
28 COTAGE PO DUS	oury MA
was personally present and did see Stepho	en J. Todd (name of person signing the assignment)
who is personally known to me, execute t	the above assignment.
	_(signature of first witness)
Signed at 28 COTTHER RD DUNGY M	(location of witness signature)
on this day AUG 12	of $20/8$ . (date of signature)
I PAMELA HOUT	(name) whose residential address is
28 COTTRO RD DUNLY	MA.
was personally present and did see Stephowho is personally known to me, execute t	en J. Todd (name of person signing the assignment)
Comp O. H. O.	
WILLY GO	_ (signature of second witness)
Signed at 28 Contro Ro Dest	(location of witness signature)
on this day AUG 12	of 20 18. (date of signature)

Date:	
	Inventor's Signature
Print full name of third inventor:	Kun Wang
Residence:	Beijing, China
Citizenship:	China
Mailing Address:	No.288, Chaoyangmennei Dajie Dongcheng District Beijing, China 100010
I	(name) whose residential address is
personally known to me, execute the	Kun Wang (name of person signing the assignment) who is e above assignment.  (signature of first witness)
	(location of witness signature)
on this day	of 20 (date of signature)
I	(name) whose residential address is
was personally present and did see I personally known to me, execute the	Kun Wang (name of person signing the assignment) who is e above assignment.
	(signature of second witness)
Signed at	(location of witness signature)
on this day	of 20 (date of signature)