

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT4670861

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
XIANGPING CHEN	10/30/2017
ANTON KUCHEROV	10/30/2017
JUNPING ZHAO	11/01/2017
KEVIN XU	11/01/2017
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:	15797324
CORRESPONDENCE DATA	
Fax Number:	(781)401-9966
<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>	
Phone:	7814019988
Email:	mmc@dc-m.com
Correspondent Name:	DALY, CROWLEY, MOFFORD & DURKEE, LLP
Address Line 1:	354A TURNPIKE STREET
Address Line 2:	SUITE 301A
Address Line 4:	CANTON, MASSACHUSETTS 02021-2714
ATTORNEY DOCKET NUMBER:	EMC-440PUS
NAME OF SUBMITTER:	DAVID W. ROUILLE
SIGNATURE:	/David W. Rouille/
DATE SIGNED:	11/02/2017
Total Attachments: 6	
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ASSIGNMENT

WHEREAS, we, Xiangping Chen, Anton Kucherov, Junping Zhao and Kevin Xu, 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 VIRTUAL STORAGE DOMAIN FOR CONTENT ADDRESSABLE SYSTEM and identified as Attorney Docket No. EMC-440PUS, the specification of which:

- is being executed on even date herewith and is about to be filed in the United States Patent Office;
- was filed on October 30, 2017 as U.S. Application No. 15797324;
- was patented under U.S. Patent No. _____ on _____

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 duly entered into with me;

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;


PATENT
Atty. Dekt. No.: EMC-440PUS
Client Case No.: 109364.01

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;

AND, we hereby authorize attorneys that we have appointed and EMC IP Holding Company LLC to insert here in parenthesis (Pat. Appl. No. 15797324 filed on October 30, 2017) the application number and filing date of said Application (or foreign counterpart application) to facilitate the recording or other official processing of this Assignment.

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

Date: 10/30/17



Inventor's Signature

Print full name of first inventor:

Xiangping Chen

Residence:

22 Harrington Ridge Road
Sherborn, MA 01770

Citizenship:

United States

Mailing Address:

Same as above

I, XIAO ZHAO (name of first witness), whose residential address is
75 Station Landing Ave 214 Medford, MA 02155,
was personally presented and did see Xiangping Chen who is personally known to me, execute the
above assignment.

Xiao Zhao (signature of first witness)
Signed at 228 South St Hopkinton, MA (location of witness signature)
on this day 10/30, 2017 (date of witness signature)

I, Felix Shvaiger (name of second witness), whose residential address is
116 Tremont St #104, Brighton, MA 02135,
was personally presented and did see Xiangping Chen who is personally known to me, execute the
above assignment.

Felix Shvaiger (signature of second witness)
Signed at 228 South St Hopkinton MA (location of witness signature)
on this day 10/30, 2017 (date of witness signature)

Date: 10/30/2017

Anton Kucherov
Inventor's Signature

Print full name of first inventor:

Anton Kucherov

Residence:

7 Congress Street, Apt. 4
Milford, MA 01757

Citizenship:

Israel

Mailing Address:

Same as above

I, XIAO ZHAO (name of first witness), whose residential address is
75 Station Landing, Apt 219, Medford, MA, 02155,
was personally presented and did see Anton Kucherov who is personally known to me, execute the
above assignment.

Xiao Zhao (signature of first witness)

Signed at 228 South St. Hopkinton, MA (location of witness signature)

on this day 10/30, 2017 (date of witness signature)

I, Felix Shvaiger (name of second witness), whose residential address is
116 Tremont St. #104, Brighton MA 02135,
was personally presented and did see Anton Kucherov who is personally known to me, execute the
above assignment.

I, WB (signature of second witness)

Signed at 228 South St Hopkinton MA (location of witness signature)

on this day 10/30, 2017 (date of witness signature)

Date: 2017. 11. 1

Zhao Junping
Inventor's Signature

Print full name of first inventor:

Junping Zhao

Residence:

People's Republic of China
Floor 8, Block D
Tsinghua Science Park
Haidan, Beijing, China, 100084

Citizenship:

China

Mailing Address:

Same as above

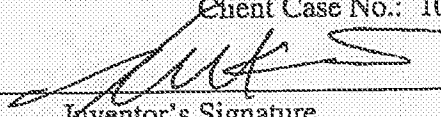
I, For Chen (name of first witness), whose residential address is
8/F, Building D, Tsinghua Science Park, Zhongguancun East Road, Beijing
was personally presented and did see Junping Zhao who is personally known to me, execute the
above assignment.

For Chen (signature of first witness)
Signed at 8/F, Building D, Tsinghua Science Park (location of witness signature)
on this day 2017. 10. 31, 2017 (date of witness signature)

I, Franky Liu (name of second witness), whose residential address is
8/F, Building D, Tsinghua Science Park, Zhongguancun East Road, Beijing
was personally presented and did see Junping Zhao who is personally known to me, execute the
above assignment.

Franky Liu (signature of second witness)
Signed at 8/F Building D, Tsinghua Science Park (location of witness signature)
on this day 10. 31, 2017 (date of witness signature)


Date: 11/1/2017



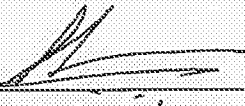
Inventor's Signature


Print full name of first inventor: Kevin Xu
Residence: 9 Chestnut Hill
Warren, NJ 07059
Citizenship: United States
Mailing Address: Same as above

I, Walter Forrester (name of first witness), whose residential address is
21 MAGNUM CT, BERKELEY HEIGHTS NJ 07922
was personally presented and did see Kevin Xu who is personally known to me, execute the above
assignment.



(signature of first witness)
Signed at 184 Liberty Corner Rd Warren NJ (location of witness signature)
on this day 11/1/17, 2017 (date of witness signature)

I,  Soumyadeep Sen (name of second witness), whose residential address is
48 Cedar Lane, Highland Park, NJ 07024
was personally presented and did see Kevin Xu who is personally known to me, execute the above
assignment.

I, 

(signature of second witness)
Signed at 184 Liberty Corner Rd, Warren NJ (location of witness signature)
on this day 11/1/17, 2017 (date of witness signature)