504217802 02/08/2017

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

EPAS ID: PAT4264479

CONVEYING PARTY DATA

Name	Execution Date
JING CHEN	01/03/2017
TAO YANG	12/23/2016
JESSE XIZHI CUI	12/23/2016

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:	15382797

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.

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Correspondent Name: AMANDA BERNIER, PARALEGAL

Address Line 1: 176 SOUTH STREET

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ATTORNEY DOCKET NUMBER:	EMC-15-0643(CN1)US
NAME OF SUBMITTER:	AMANDA BERNIER
SIGNATURE:	/Amanda Bernier/
DATE SIGNED:	02/08/2017

Total Attachments: 5

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PATENT REEL: 041199 FRAME: 0575

ASSIGNMENT

WHEREAS, we, Jing Chen, Tao Yang and Jesse Xizhi Cui 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 AND APPARATUS FOR SUPPLYING POWER TO A PROCESSOR* (Application), 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 December 19, 2016 as U.S. Application No. 15/382,979;
[]	was patented under U.S. Patent Noon

WHEREAS, EMC IP HOLDING COMPANY LLC (hereinafter "ASSIGNEE"), a corporation 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

PATENT REEL: 041199 FRAME: 0576 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;

AND, we hereby authorize our attorneys, EMC IP HOLDING COMPANY LLC, to insert here in parenthesis (15/382,979) 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:	J.y Chen
	Inventor's Signature
Print full name of inventor	Itan Yan g Jing Chen JC
Residence	Shanghai Pudong District #7-, No. 100
	YinXi so Road Unit 2 , 10 Crown Street Epping , NSW 2121 , Australia
	201204 Shanghai, CN
Citizenship	CN
Mailing Address	Same as above
	나타 내용 경기를 보았다면 다양하였다.
i, Lirong lu	(name of first witness), whose residential address is p/ng NSW 421 Auct/6/10 Jing Chen JC San Yang (pame of person signing the assignment), who is
2/10 Crown street, 291	ping, NSW2121 Audobliva
was personally present and did see \$	J _{ing} Chen JC 30 Yang (name of person signing the assignment), who is
personally known to me, execute the	
personany anomina inc, execute an	above assignment
	(signature of first witness)
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and the second	2 3 10 Versin 1 4 150
Signed at <u>>/w Crown street</u>	. Sppily , NEWITH, Austral Mocation of witness signature)
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Signed at 2/10 Crown strest on this day, Jaw 3rd	29114 Notable Of Madre Velocation of witness signature) , 20 17 (date of signature)
Signed at 2/10 Crown strest on this day, Jew 3rd	. Sppily , N=W17), Austral Mocation of witness signature) , 20 17 (date of signature).
	. 2017 (date of signature).
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ı, Elsa Luyan Chen 2/10 Crown Street, Ep	. 2017 (date of signature)
ı, Elsa Luyan Chen 2/10 Crown Street, Ep	. 2017 (date of signature)
1, Elsa Luyan Chen 2/10 Crown Street, Ep was personally present and did see I	. 2017 (date of signature).
ı, Elsa Luyan Chen 2/10 Crown Street, Ep	. 2017 (date of signature)
I, Elsa Luyan Chen 2/10 Crown Street, Ep was personally present and did see I personally known to me, execute the	. 2017 (date of signature)
I, Elsa Luyan Chen 2/10 Crown Street, Ep was personally present and did see I personally known to me, execute the	. 2017 (date of signature)

Date: 12/23 2016	Yang Tao
	Inventor's Signature
Print full name of inventor	Tao Yang
Residence	Shanghai Pudong District #7-, No. 100
	YinXiao Road
	201204 Shanghai, CN
Citizenship	CN
Mailing Address	Same as above
2 Candra Ware	
	(name of first witness), whose residential address is
	d. Baashan District. Shanghai, China
	Tau Yang (name of person signing the assignment), who is
personally known to me, execute the	se above assignment.
4. X .	
Cadby Wang	(signature of first witness)
and the second of the second o	CPUZA, No. 152 Songhu Rd (Societion of witness signature)
on this day. 12/23	
Caron Gra	
1. Oragine	(name of second witness), whose residential address is
Koum 141. building 11,	No.478 Fanghua Kond. Pudong District, Shonghai, China
	Tao Yang (name of person signing the assignment), who is
personally known to me, execute ti	ne above assignment
Greg Ge	Addington of an and miles of
Signed at 3F Ruilding #2	(signature of second witness) KICPLA24, No. 262 (location of witness signature) 20 1 6 (date of signature)
on this day. 12/13	20 / fr (date of signature).

PATENT/Joint Assignment
EMC Docket No.:

Date: 7/23 2016	Jesse, cuvi Inventor's Signature	
,	Inventor's Signature	
Print full name of inventor	Jesse Xizhi Cui	
Residence	2F Building 2, KIC Plaza No. 252	
	200433 Shanghai, CN	
Citizenship	CN	
Mailing Address	Same as above	
I, Jacky Jianguo Pang (nam	ne of first witness), whose residential address is new district, Shanghai.	
No. 128, Lone 667 Juloug Rd, Pu Dorg	new district, Stranghai.	
	i Cui (name of person signing the assignment),	
who is personally known to me, execute the al	oove assignment.	
_		
Jarley Panz	(signature of first witness) Showshori 6.252 Soughu Rd. (location of witness signature)	
Signed at 2F. Building #2. KIC Pluzz., A	5.252 Soughu Rd. (location of witness signature)	
on this day, 12/23,	20 <u>/b</u> (date of signature).	
I, Alve Liv (nam	e of second witness), whose residential address is	
2F. NO.500, Chi Feng RD, Hor	ngkou district. SHPRC	
I, More Liv (name of second witness), whose residential address is 2F. NO.500. Chi Fang RD. Hong kow district. SH PRC was personally present and did see Jesse Xizhi Cui (name of person signing the assignment),		
who is personally known to me, execute the a		
,		
stre lor	(signature of second witness)	
Signed at 27 Buldiy #2. KIC p	laza No x2 Sery location of witness signature)	
on this day, $\frac{12/2}{2}$,	(signature of second witness) laza No x2 Sorg (location of witness signature) 20 16 (date of signature).	

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