502408713 07/03/2013

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Hanxu HOU	06/17/2013
Hui LI	06/17/2013
Bing ZHU	06/17/2013

RECEIVING PARTY DATA

Name:	PEKING UNIVERSITY SHENZHEN GRADUATE SCHOOL
Street Address:	Peking University Campus, Shenzhen University Town
Internal Address:	Lishui Road, Xili Town, Nanshan
City:	Shenzhen, Guangdong
State/Country:	CHINA
Postal Code:	518055

Name:	Hui Ll
Street Address:	Peking University Campus, Shenzhen University Town
Internal Address:	Lishui Road, Xili Town, Nanshan
City:	Shenzhen, Guangdong
State/Country:	TAIWAN
Postal Code:	518055

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13978315

CORRESPONDENCE DATA

Fax Number: 8663356496

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 434-962-7544

Email: epas@jacksonipg.com

Correspondent Name: Jackson Intellectual Property Group PLLC

PATENT

REEL: 030738 FRAME: 0600

OP \$40.00 13978315

502408713

Address Line 1: 106 Starvale Lane Address Line 4: Shipman, VIRGINIA 22971	
ATTORNEY DOCKET NUMBER:	7002.339.1
NAME OF SUBMITTER:	Demian K. Jackson
Signature:	/Demian K. Jackson/
Date:	07/03/2013
	This document serves as an Oath/Declaration (37 CFR 1.63).
Total Attachments: 3 source=DECL_ASSGN_7002_339_1#page1.tif source=DECL_ASSGN_7002_339_1#page2.tif source=DECL_ASSGN_7002_339_1#page3.tif	

PATENT REEL: 030738 FRAME: 0601

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR MULTIPLE ASSIGNEES

METHOD FOR ENCODING MSR (MINIMUM-STORAGE REGENERATING) CODES AND REPAIRING

Title of

Invention	STORAGE NODES
As the below named in	ventor, I hereby declare that:
This declaration	The attached application, or
is directed to: X	United States application or PCT international application number PCT/CN2013/071872
	filed on February 26, 2013
	pplication was made or authorized to be made by me.
t believe that I am the	original inventor or an original joint inventor of a claimed invention in the application.
WHEREAS (D)PE	KING UNIVERSITY SHENZHEN GRADUATE SCHOOL, (2) Hui LI
(hereinafter referred to	as "ASSIGNEES") having places of business at:(1) Peking University Campus, Shenzhen
	hui Road, Xili Town, Nanshan, Shenzhen, Guangdong 518055, China (2) Peking University
	niversity Town, Lishuí Road, Xili Town, Nanshan, Shenzhen, Guangdong 518055, China us of jointly acquiring interests in the entire right, title and interest in and to said invention and in and
	nat may be granted therefore in the United States and its territorial possessions and in any and all
foreign countries;	
NOW THEREFORE	in consideration of good and valuable consideration, the receipt whereof is hereby acknowledged, I.
by these presents do se	ell, assign and transfer unto said ASSIGNEES, the full and exclusive right to the said invention in the
United States and its to	critorial possessions and in all foreign countries (including the right to claim priority under the terms
	invention and other relevant International Treaties and Arrangements from the aforesaid application) le and interest in and to any and all Letters Patent which may be granted therefor in the United States.
	essions and in any and ail foreign countries and in and to any and all divisions, reissues, continuations,
substitutions and renev	vals thereof.
i hereby authorize and	request the Patent Office Officials in the United States and its territorial possessions and any and all are any and all of said Letters Patent, when granted, to said ASSIGNEES as the assignees of my entire
	in and to the same, for the sole use and behoof of said ASSIGNEES, their successors and assigns, to
the fall end of the term	for which said Letters Patent may be granted, as fully and entirely as the same would have been held
by me had this Assignr	nent and sale not been made.
: Fairber, Lauree that Ly	will communicate to said ASSIGNEES or their representatives any facts known to me respecting said
invention, and testify in	n any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal
	is, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to
	ke all rightful ouths, and, generally do everything possible to aid said ASSIGNEES, their successors and enforce proper protection for said invention in the United States and its territorial possessions and
in any and all foreign c	
f Canala analas stana Pfana	
	ve reviewed and understand the contents of the above-identified specification, including the claims, as indiment(s) referred to above. I acknowledge the Duty to Disclose information which is material to
	in Title 37, Code of Federal Regulations, §1.56.
- المراجع المستور المراجع المراجع المراجع المراجع المستور المستور المستور المستور المراجع المراجع المراجع الم	sheep and additional testing and made in this deplaced on the additional testing to the 10 1/2 to 20 100 1 to 20
	that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or store than five (5) years, or both.
E LEGAL NAME OF IN	EVENTOR
Investor: Huill	Date: <u>06/17/2013</u>
Signature.	Muili

JACKSON INTELLECTUAL PROPERTY
GROUP PLLC
106 STARVALE LANE
SHIPMAN, VA 22971

PATENT REEL: 030738 FRAME: 0602

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR MULTIPLE ASSIGNEES

Title of Invention	METHOD FOR ENCODING MSR (MINIMUM-STORAGE REGENERATING) CODES AND REPAIRING STORAGE NODES
As the below named in	iventor, I hereby declare that:
This declaration	The attached application, or
is directed to:	United States application or PCT international application number PCT/CN2013/071872
) 	filed on February 26, 2013
	pplication was made or authorized to be made by me.
I believe that I am the	original inventor or an original joint inventor of a claimed invention in the application.
WHIREAS IN PR	KING UNIVERSITY SHENZHEN GRADUATE SCHOOL. (2) Hui LI
(hereinafter referred to	as "ASSIGNEES") having places of business at: (1) Peking University Campus, Shenzhen
University Town, Lis	hui Road, Xili Town, Nanshan, Shenzhen, Guangdong 518055, China (2) Peking University
	niversity Town, Lishui Road, Xili Town, Nanshan, Shenzhen, Guangdong 518055, China
	us of jointly acquiring interests in the entire right, title and interest in and to said invention and in and nat may be granted therefore in the United States and its territorial possessions and in any and all
foreign countries;	in may be grained merchan in the crimea states and its territorial possessions and it any and an
	in consideration of good and valuable consideration, the receipt whereof is hereby acknowledged. I
	eritorial possessions and in all foreign countries (including the right to the said invention in the
of the international Co	onvention and other relevant International Treaties and Arrangements from the aforesaid application)
and the entire right, tit	le and interest in and to any and all Letters Patent which may be granted therefor in the United States
	essions and in any and all foreign countries and in and to any and all divisions, reissues, continuations,
substitutions and renev	vais thereot. I request the Patent Office Officials in the United States and its territorial possessions and any and all
	sue any and all of said Letters Patent, when granted, to said ASSIGNEES as the assignees of my entire
	in and to the same, for the sole use and behoof of said ASSIGNEES, their successors and assigns, to
	of for which said Letters Patent may be granted, as fully and entirely as the same would have been held ment and sale not been made.
: ay too nad bus resign	ment and safe her been made.
for her, I agree that I	will communicate to said ASSIGNEES or their representatives any facts known to me respecting said
	in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal
	us, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to the all rightful oaths, and, generally do everything possible to aid said ASSIGNEES, their successors
	and enforce proper protection for said invention in the United States and its territorial possessions and
in any and all foreign of	
	ve reviewed and understand the contents of the above-identified specification, including the claims, as adment(s) referred to above. I acknowledge the Duty to Disclose information which is material to
	d in Title 37, Code of Federal Regulations, §1.56.
*	
	that any willful faise statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or
; портаовивен от вогн }	nore than five (5) years, or both.
LEGAL NAME OF D	NVENTOR
baventor: Hanxu	HOU Date: <u>06/17/2013</u>
Signature: Han	xu Hoa

JACKSON INTELLECTUAL PROPERTY
GROUP PLLC
106 STARVALE LANE

SHIPMAN, VA 22971

PATENT REEL: 030738 FRAME: 0603

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR MULTIPLE ASSIGNEES.

Title of Invention	METHOD FOR ENCODING MSR (MINIMUM-STORAGE REGENERATING) CODES AND REPAIRING STORAGE NODES
As the below named in	ventor, I hereby declare that:
This declaration	The attached application, or
is directed to:	United States application or PCT international application number PCT/CN2013/071872
	filed on February 26, 2013
The above-identified ap	opfication was made or authorized to be made by me.
I believe that I am the o	original inventor or an original joint inventor of a claimed invention in the application.
(hereinafter referred to University Fown, List	KING UNIVERSITY SHENZHEN GRADUATE SCHOOL, (2) Hui LI as "ASSIGNEES") having places of business at: (1) Peking University Campus, Shenzhen nui Road, Xili Town, Nanshan, Shenzhen, Guangdong 518055, China (2) Peking University
respectively are desiron	niversity Town, Lishui Road, Xili Town, Nanshan, Shenzhen, Guangdong 518055, China as of jointly acquiring interests in the entire right, title and interest in and to said invention and in and at may be granted therefore in the United States and its territorial possessions and in any and all
by these presents do se United States and its te of the International Co and the entire right, titl	in consideration of good and valuable consideration, the receipt whereof is hereby acknowledged, I, all, assign and transfer unto said ASSIGNEES, the full and exclusive right to the said invention in the erritorial possessions and in all foreign countries (including the right to claim priority under the terms invention and other relevant International Treaties and Arrangements from the aforesaid application) the and interest in and to any and all Letters Patent which may be granted therefor in the United States assions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, rais thereof.
I hereby authorize and foreign countries to iss right, title and interest the full end of the term	request the Patent Office Officials in the United States and its territorial possessions and any and all ue any and all of said Letters Patent, when granted, to said ASSIGNEES as the assignees of my entire in and to the same, for the sole use and behoof of said ASSIGNEES, their successors and assigns, to for which said Letters Patent may be granted, as fully and entirely as the same would have been held nent and sale not been made.
invention, and testify in and reissue application saic ASSIGNEES, mai	will communicate to said ASSIGNEES or their representatives any facts known to me respecting said any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal is, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to ke all rightful oaths, and, generally do everything possible to aid said ASSIGNEES, their successors and enforce proper protection for said invention in the United States and its territorial possessions and ountries.
amended by any amer	we reviewed and understand the contents of the above-identified specification, including the claims, as idment(s) referred to above. I acknowledge the Duty to Disclose information which is material to I in Title 37. Code of Federal Regulations, §1.56.
	that any willful faise statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or ore than five (5) years, or both.
IN SAL NAME OF IN	VENTOR
media: Bing ZI	No. 18 Date: 06/17/2013

JACKSON INTELLECTUAL PROPERTY
GROUP PLLC
106 STARVALE LANE

106 STARVALE LANE SHIPMAN, VA 22971

> PATENT REEL: 030738 FRAME: 0604

RECORDED: 07/03/2013