

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
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EPAS ID: PAT3043663

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT	
NATURE OF CONVEYANCE:	Corrective Assignment to correct the SECOND LISTED ASSIGNOR'S NAME previously recorded on Reel 032904 Frame 0629. Assignor(s) hereby confirms the SECOND LISTED ASSIGNOR'S NAME SHOULD BE LISTED AS XIONG, JIN.	
CONVEYING PARTY DATA		
	Name	Execution Date
	ZHUO CHEN	05/14/2014
	JIN XIONG	05/15/2014
RECEIVING PARTY DATA		
Name:	HUAWEI TECHNOLOGIES CO., LTD.	
Street Address:	HUAWEI ADMINISTRATION BUILDING, BANTIAN	
Internal Address:	LONGGANG DISTRICT,	
City:	SHENZHEN, 518129, GUANGDONG, P.R.	
State/Country:	CHINA	
PROPERTY NUMBERS Total: 1		
	Property Type	Number
	Application Number:	14278744
CORRESPONDENCE DATA		
Fax Number:	(972)628-3616	
<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:	972-628-3600	
Email:	patents@munckwilson.com	
Correspondent Name:	MUNCK WILSON MANDALA, LLP	
Address Line 1:	P.O. DRAWER 800889	
Address Line 2:	DOCKET CLERK/HTCL	
Address Line 4:	DALLAS, TEXAS 75380	
NAME OF SUBMITTER:	ROBERT D. MCCUTCHEON	
SIGNATURE:	/robert d. mccutcheon/	
DATE SIGNED:	09/29/2014	
Total Attachments: 6		
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UNITED STATES PATENT AND TRADEMARK OFFICE *HUAW06-03729*

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

MAY 16, 2014

PTAS

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DOCKET CLERK/HTCL
P.O. DRAWER 800889
DALLAS, TX 75380

MAY 16 2014

Munck Wilson Mandala, LLP

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

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PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE ASSIGNMENT RECORDATION BRANCH AT 571-272-3350. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, MAIL STOP: ASSIGNMENT RECORDATION BRANCH, P.O. BOX 1450, ALEXANDRIA, VA 22313.

RECORDATION DATE: 05/15/2014

REEL/FRAME: 032904/0629
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:
CHEN, ZHUO

DOC DATE: 05/14/2014

ASSIGNOR:
XIONG, JING

DOC DATE: 05/15/2014

ASSIGNEE:
HUAWEI TECHNOLOGIES CO., LTD.
HUAWEI ADMINISTRATION BUILDING,
BANTIAN, LONGGANG DISTRICT
SHENZHEN, 518129, GUANGDONG, P.R.,
CHINA

APPLICATION NUMBER: 14278744

FILING DATE:

PATENT NUMBER:

ISSUE DATE:

TITLE: METADATA STORAGE AND MANAGEMENT METHOD FOR CLUSTER FILE SYSTEM

ASSIGNMENT RECORDATION BRANCH
PUBLIC RECORDS DIVISION

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT2857203

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
ZHUO CHEN	05/14/2014
JING XIONG	05/15/2014
RECEIVING PARTY DATA	
Name:	HUAWEI TECHNOLOGIES CO., LTD.
Street Address:	HUAWEI ADMINISTRATION BUILDING, BANTIAN, LONGGANG DISTRICT
City:	SHENZHEN, 518129, GUANGDONG, P.R.
State/Country:	CHINA
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14278744
CORRESPONDENCE DATA	
Fax Number:	(972)628-3616
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>	
Phone:	972 628 3600
Email:	patents@munckwilson.com
Correspondent Name:	DOCKET CLERK/HTCL
Address Line 1:	P.O. DRAWER 800889
Address Line 4:	DALLAS, TEXAS 75380
NAME OF SUBMITTER:	ROBERT D. MCCUTCHEON
SIGNATURE:	/robert d. mccutcheon/
DATE SIGNED:	05/15/2014
Total Attachments: 2 source=Assignment#page1.tif source=Assignment#page2.tif	

PATENT

Attorney Docket No. _____
Client Reference No. 83703729US04

ASSIGNMENT

WHEREAS, WE,

Zhuo CHEN
Huawei Administration Building
Bantian, Longgang District
Shenzhen, 518129, Guangdong
P.R. CHINA; and

Jing XIONG
Huawei Administration Building
Bantian, Longgang District
Shenzhen, 518129, Guangdong
P.R. CHINA;

have invented and own a certain invention entitled:
METADATA STORAGE SYSTEM AND MANAGEMENT METHOD FOR CLUSTER FILE
SYSTEM
for which invention we have executed an application (provisional or non-provisional) for a U.S.
patent, which was filed on _____, under U.S. Application No. _____ and

WHEREAS, HUAWEI TECHNOLOGIES CO., LTD., of Huawei Administration
Building, Bantian, Longgang District, Shenzhen, 518129, Guangdong, P.R. China, hereinafter
referred to as Assignee, is desirous of acquiring the entire domestic and foreign right, title, and
interest in and under the invention described in the patent application.

NOW, THEREFORE, for good and valuable considerations, the receipt and sufficiency of
which are hereby acknowledged, we assign and transfer to the Assignee and the Assignee's
legal representatives, successors and assigns the full and exclusive rights in and to the invention
in the U.S. and every foreign country and the entire right, title, and interest in and to the patent
application and other such applications (e.g., provisional applications, non-provisional
applications, continuations, continuations-in-part, divisionals, reissues, reexaminations,
National phase applications, including petty patent applications, and utility model applications)
that may be filed in the United States and every foreign country on the invention, and the
patents, extensions, or derivations thereof, both foreign and domestic, that may issue thereon,
and we do hereby authorize and request the Commissioner of Patents to issue U.S. patents to
the above-mentioned Assignee agreeably with the terms of this assignment document.

WE HEREBY AUTHORIZE the Assignee to insert in this assignment document the filing
date and application number of the application if the date and number are unavailable at the
time this document is executed.

WE DO HEREBY COVENANT and agree with the Assignee that we will not execute any
writing or do any act whatsoever conflicting with the terms of this assignment document set
forth herein, and that we will at any time upon request, without further or additional
consideration, but at the expense of the Assignee, execute such additional assignments and
other writings and do such additional acts as the Assignee may deem necessary or desirable to
perfect the Assignee's enjoyment of this assignment, and render all necessary assistance in
making application for and obtaining original, continuation, continuation-in-part, divisional,
reissued, reexamined, and National phase patents of the U.S. or of any and all foreign countries
on the invention, and in enforcing any rights or chooses in action accruing as a result of such
applications or patents, and by executing statements and other affidavits, it being understood

In re Appln. of Chen et al.
Attorney Docket No. _____

that the foregoing covenant and agreement shall bind, and inure to the benefit of, the assigns
and legal representatives of all parties hereto.

IN WITNESS WHEREOF, we have hereunder set our hands on the dates shown below.

Date May 14, 2014

Zhuo CHEN
Zhuo CHEN

Date May 15, 2014

Jing XIONG
Jing XIONG

PATENT

Attorney Docket No. _____
Client Reference No. 83703729U504

ASSIGNMENT

WHEREAS, WE,

Zhuo CHEN
Huawei Administration Building
Bantian, Longgang District
Shenzhen, 518129, Guangdong
P.R. CHINA; and

Jin XIONG
Huawei Administration Building
Bantian, Longgang District
Shenzhen, 518129, Guangdong
P.R. CHINA;

have invented and own a certain invention entitled:
**METADATA STORAGE SYSTEM AND MANAGEMENT METHOD FOR CLUSTER FILE
SYSTEM**

for which invention we have executed an application (provisional or non-provisional) for a U.S.
patent, which was filed on 15 May 2014, under U.S. Application No. 14278744 and

WHEREAS, HUAWEI TECHNOLOGIES CO., LTD., of Huawei Administration
Building, Bantian, Longgang District, Shenzhen, 518129, Guangdong, P.R. China, hereinafter
referred to as Assignee, is desirous of acquiring the entire domestic and foreign right, title, and
interest in and under the invention described in the patent application.

NOW, THEREFORE, for good and valuable considerations, the receipt and sufficiency of
which are hereby acknowledged, we assign and transfer to the Assignee and the Assignee's
legal representatives, successors and assigns the full and exclusive rights in and to the invention
in the U.S. and every foreign country and the entire right, title, and interest in and to the patent
application and other such applications (e.g., provisional applications, non-provisional
applications, continuations, continuations-in-part, divisionals, reissues, reexaminations,
National phase applications, including petty patent applications, and utility model applications)
that may be filed in the United States and every foreign country on the invention, and the
patents, extensions, or derivations thereof, both foreign and domestic, that may issue thereon,
and we do hereby authorize and request the Commissioner of Patents to issue U.S. patents to
the above-mentioned Assignee agreeably with the terms of this assignment document.

WE HEREBY AUTHORIZE the Assignee to insert in this assignment document the filing
date and application number of the application if the date and number are unavailable at the
time this document is executed.

WE DO HEREBY COVENANT and agree with the Assignee that we will not execute any
writing or do any act whatsoever conflicting with the terms of this assignment document set
forth herein, and that we will at any time upon request, without further or additional
consideration, but at the expense of the Assignee, execute such additional assignments and
other writings and do such additional acts as the Assignee may deem necessary or desirable to
perfect the Assignee's enjoyment of this assignment, and render all necessary assistance in
making application for and obtaining original, continuation, continuation-in-part, divisional,
reissued, reexamined, and National phase patents of the U.S. or of any and all foreign countries
on the invention, and in enforcing any rights or chooses in action accruing as a result of such
applications or patents, and by executing statements and other affidavits, it being understood

In re Appln. of Chen et al.
Attorney Docket No. _____

that the foregoing covenant and agreement shall bind, and inure to the benefit of, the assigns and legal representatives of all parties hereto.

IN WITNESS WHEREOF, we have hereunder set our hands on the dates shown below.

Date May 19, 2014

Zhuo CHEN
Zhuo CHEN

Date May 19, 2014

Jin XIONG
Jin XIONG