

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT						
NATURE OF CONVEYANCE:	ASSIGNMENT						
CONVEYING PARTY DATA							
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Dong Bao</td> <td>11/15/2012</td> </tr> <tr> <td>Deping Yang</td> <td>11/15/2012</td> </tr> </tbody> </table>		Name	Execution Date	Dong Bao	11/15/2012	Deping Yang	11/15/2012
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Dong Bao	11/15/2012						
Deping Yang	11/15/2012						
RECEIVING PARTY DATA							
Name:	Huawei Technologies Co., Ltd.						
Street Address:	Huawei Administration Building						
Internal Address:	Bantain, Longgang District						
City:	SHENZHEN, GUANGDONG						
State/Country:	CHINA						
Postal Code:	518129						
PROPERTY NUMBERS Total: 1							
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13708603</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13708603		
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Application Number:	13708603						
CORRESPONDENCE DATA							
Fax Number:	3123214299						
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>							
Phone:	312)321-4200						
Email:	CBRADY@BRINKSHOFER.COM, USASSIGNMENTS@BRINKSHOFER.COM						
Correspondent Name:	Gustavo Siller, Jr.						
Address Line 1:	Brinks Hofer Gilson & Lione						
Address Line 2:	PO Box 10395						
Address Line 4:	Chicago, ILLINOIS 60610						
ATTORNEY DOCKET NUMBER:	13674-956						
NAME OF SUBMITTER:	Gustavo Siller, Jr.						
Total Attachments: 5							

CH \$40.00 13708603

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source=13674-956Assignment#page5.tif

**RECORDATION FORM COVER SHEET
 PATENTS ONLY**

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below:

1. Name of conveying Party(ies): <p align="center">DONG BAO/NOVEMBER 15, 2012 DEPING YANG/NOVEMBER 15, 2012</p> <p>Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	2. Name and Address of receiving Party(ies): Name: HUAWEI TECHNOLOGIES CO., LTD Address: Huawei Administration Building Bantian, Longgang District Shenzhen, 518129, Guangdong P.R. China Additional name(s) and addresses attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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3. Nature of Conveyance/Execution Date(s):
 Execution Date(s): November 15, 2012

<input checked="" type="checkbox"/> Assignment	<input type="checkbox"/> Merger
<input type="checkbox"/> Security Agreement	<input type="checkbox"/> Change of Name
<input type="checkbox"/> Joint Research Agreement	
<input type="checkbox"/> Government Interest Assignment	
<input type="checkbox"/> Executive Order 9424, Confirmatory License	
<input type="checkbox"/> Other: _____	

4. Application or Patent Number(s). This document is being filed together with a new application.

A. Patent Application No.(s):	B. Patent No.(s):
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Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:

BRINKS HOFER GILSON & LIONE
 PO BOX 10395
 CHICAGO, IL 60610
 Phone: (312) 321-4200
 Fax: (312) 321-4299

6. Total no. of applications & patents involved: 1

7. Total Fee (37 CFR 1.21(h) & 3.41) \$ 40.00

Authorize charge by credit card
 Authorize charge to Deposit Account No. 23-1925
 Enclosed
 None required (government interest not affecting title)

8. Payment Information:

a. Credit Card: Last 4 Numbers _____
 Expiration Date _____

b. Charge fee and/or any Deficiencies to Deposit Account Number 23-1925
 Authorized User Name: Brinks Hofer Gilson & Lione

9. Signature: <u>/Gustavo Siller, Jr./</u> <p align="center">Signature</p> <u>Gustavo Siller, Jr.</u> <p align="center">Name of Person Signing</p>	<p align="center"><u>December 7, 2012</u></p> <p align="center">Date</p> <p>Total no. of pages including coversheet, attachments and documents: <u>5</u></p>
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Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
 Mail Stop Assignment Recordation Services, Director of the USPTO, PO Box 1450, Alexandria, VA 22313-1450

PATENT

Attorney Docket No. _____
Client Reference No. 83067484U503

ASSIGNMENT

WHEREAS, We,

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

Deping YANG
Huawei Administration Building
Bantian, Longgang District
Shenzhen, 518129, Guangdong
P.R. CHINA;

have invented and own a certain invention entitled:
**DATA PREFETCHING METHOD FOR DISTRIBUTED HASH TABLE DHT STORAGE
SYSTEM, NODE, AND 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 Bao 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 Nov. 15. 2012

Dong BAO
Dong BAO

Date Nov. 15. 2012

Guijun GAO
Witness

Date NOV. 15. 2012

Wen Hai LAN
Witness

=====

Date _____

Deping YANG

Date _____

Witness

Date _____

Witness

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

Date _____
Dong BAO

Date _____
Witness

Date _____
Witness

Date 2012/11/15
Deping YANG
Deping YANG

Date 2012/11/15
LaiFu WANG
Witness

Date 2012/11/15
Qing WEA
Witness