## PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
Yongbo Cheng	09/11/2013
Chenghong He	09/11/2013
Kejia Lan	09/11/2013

### **RECEIVING PARTY DATA**

Name:	Huawei Technologies Co., LTD.
Street Address:	Huawei Administrantion Building
Internal Address:	Bantian, Longgang District
City:	Shenzhen, Guangdong
State/Country:	CHINA
Postal Code:	518129

# PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14025553

## **CORRESPONDENCE DATA**

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NAME OF SUBMITTER: Gustavo Siller, Jr.	

PATENT REEL: 031196 FRAME: 0442 140255

Signature:	/Gustavo Siller, Jr./
Date:	09/12/2013
Total Attachments: 3 source=13674-1306Assignment#page1.tif source=13674-1306Assignment#page2.tif source=13674-1306Assignment#page3.tif	

PATENT REEL: 031196 FRAME: 0443

Client/Matter No. 13674-1306 Client Ref No. 83149768US03

RECORDATION FO PATENT	
To the Director of the U.S. Patent and Trademark Office: Please	
1. Name of conveying Party(ies):	2. Name and Address of receiving Party(ies):
YONGBO CHENG / SEPTEMBER 11, 2013 CHENGHONG HE / SEPTEMBER 11, 2013 KEJIA LAN / SEPTEMBER 11, 2013	Name: HUAWEI TECHNOLOGIES CO.,
Additional name(s) of conveying party(ies) attached?	Address: Huawei Administration Building, Bantian, Longgang District, Shenzhen, 518129, Guangdong P.R. China  Additional name(s) and addresses attached?   Additional name(s) and addresses attached?   No
A. Patent Application No.(s):  Additional numbers attac	B. Patent No.(s):
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total no. of applications & patents involved: 1
BRINKS HOFER GILSON & LIONE PO BOX 10395 CHICAGO, IL 60610 Phone: (312) 321-4200 Fax: (312) 321-4299	<ul> <li>7. Total Fee (37 CFR 1.21(h) &amp; 3.41) \$ 40.00</li> <li>Authorize charge by credit card</li> <li>Authorize charge to Deposit Account No. 23-1925</li> <li>Enclosed</li> <li>None required (government interest not affecting title)</li> <li>8. Payment Information:</li> <li>a. Credit Card: Last 4 Numbers Expiration Date</li> <li>b. Charge fee and/or any Deficiencies to Deposit Account Number 23-1925</li> </ul>
9. Signature: /Gustavo Siller, Jr./ Signature Gustavo Siller, Jr.	Authorized User Name: Brinks Hofer Gilson & Lione  September 12, 2013  Date  Total no. of pages including coversheet,
Name of Person Signing	attachments and documents: 3

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 REEL: 031196 FRAME: 0444

Attorney Docket No. \_\_\_\_\_\_ Client Reference No. 83149768US03

### **ASSIGNMENT**

Chenghong HE

WHEREAS, WE,

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

Bantian, Longgang District Shenzhen, 518129, Guangdong P.R. CHINA; and

Huawei Administration Building

Kejia LAN Huawei Administration Building Bantian, Longgang District Shenzhen, 518129, Guangdong P.R. CHINA;

have invented and own a certain invention entitled:
DATA PROCESSING METHOD, APPARATUS 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

In re Appln.	of Cheng et al.
Attorney Do	cket No.

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 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 Sep 1/. 2013	Yongbo CHENG
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Date <u>Sep 11 - 2013</u>	Kejia LAN Kejia LAN
Date Sep 11. 2013	Hongtao ZHANG Witness
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