PATENT ASSIGNMENT

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SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Shiyi Cao	12/21/2010

RECEIVING PARTY DATA

Name:	HUAWEI TECHNOLOGIES CO., LTD.
Street Address:	HUAWEI ADMINISTRATION BUILDING
Internal Address:	BANTIAN, LONGGANG DISTRICT
City:	SHENZHEN, GUANGDONG
State/Country:	CHINA
Postal Code:	518129

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12981129

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER: 13674-419

NAME OF SUBMITTER: Gustavo Siller, Jr.

Total Attachments: 3

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Client/Matter No. 13674-419 Client Ref. No. 0812516US

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):	2. Name and Address of receiving Party(ies):						
SHIYI CAO/DECEMBER 21, 2010	Name: HUAWEI TECHNOLOGIES CO, LTD.						
Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No	Address: Huawei Administration Building Bantian, Longgang District, Shenzhen, 518129, Guangdong						
3. Nature of Conveyance/Execution Date(s):	P.R. China						
Execution Date(s): December 21, 2010							
Assignment	Additional name(s) and addresses attached? ☐ Yes ☒ No						
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):						
Additional numbers atta	ached? ☐ Yes ⊠ No						
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total no. of applications & patents involved: 1						
	7. Total Fee (37 CFR 1.21(h) & 3.41) \$ 40.00						
BRINKS HOFER GILSON & LIONE PO BOX 10395 CHICAGO, IL 60610	 ☐ Authorize charge by credit card ☐ Authorize charge to Deposit Account No. 23-1925 ☐ Enclosed ☐ None required (government interest not affecting title) 						
Phone: (312) 321-4200	8. Payment Information:						
Fax: (312) 321-4299	a.						
	b. Charge fee and/or any Deficiencies to Deposit Account Number 23-1925 Authorized User Name: Brinks Hofer Gilson & Lione						
9. Signature: /Gustavo Siller, Jr./	December 29, 2010						
Signature	Date						
Gustavo Siller, Jr. Name of Person Signing	Total no. of pages including coversheet, 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: 025555 FRAME: 0782

PATENT

Attorney Docket No. Client Reference No. 0812516US

ASSIGNMENT

WHEREAS, WE,

Shiyi CAO Huawei Administration Building Bantian, Longgang District Shenzhen, 518129, Guangdong	
P.R. CHINA;	

have invented and own a certain invention entitled:

NODE, DATA PROCESSING SYSTEM, AND DATA PROCESSING METHOD

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

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

IN WITNESS WHEREOF, we have hereunder set our hands on the dates shown b :low.

Date December 21, 2010	Shiyi CAO	
	Shiyi CAO	
Date December 21, 2010	Witness DENG	
	Witness	
Date December 21, 2010	Dan LI	
	Witness	