

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

**CONVEYING PARTY DATA**

Name	Execution Date
Chuansong Xue	06/10/2009
Zhefeng Yan	06/26/2009

**RECEIVING PARTY DATA**

Name:	Huawei Technologies Co., Ltd
Street Address:	Huawei Administration Building
Internal Address:	Bantian, Longgang Distict
City:	Shenzhen, Guangdong
State/Country:	CHINA
Postal Code:	518129

**PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	12493539

**CORRESPONDENCE DATA**

Fax Number: (312)321-4299  
*Correspondence will be sent via US Mail when the fax attempt is unsuccessful.*  
 Phone: 3123214200  
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ATTORNEY DOCKET NUMBER:	13674-119
NAME OF SUBMITTER:	Gustavo Siller, Jr.

Total Attachments: 4  
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**PATENT  
 REEL: 022889 FRAME: 0030**

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**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):**

CHUANSONG XUE/JUNE 10, 2009  
ZHEFENG YAN/JUNE 26, 2009

Additional name(s) of conveying party(ies) attached?  Yes  No

**2. Name and Address of receiving Party(ies):**

Name: HUAWEI TECHNOLOGIES CO., LTD.

Street Address: Huawei Administration Building  
Bantian, Longgang District  
Shenzhen, 518129, Guangdong  
P.R. China

Additional name(s) and addresses attached?  Yes  No

**3. Nature of Conveyance/Execution Date(s):**

Execution Date(s): June 10, 2009 and June 26, 2009

- Assignment  Merger  
 Security Agreement  Change of Name  
 Joint Research Agreement  
 Government Interest Assignment  
 Executive Order 9424, Confirmatory License  
 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):

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:** /Gustavo Siller, Jr./

Signature

Gustavo Siller, Jr.

Name of Person Signing

June 29, 2009

Date

Total no. of pages including coversheet,  
attachments and documents: 4

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. 0713272US

Brinks Hofer Gilson & Lione  
NBC Tower, Suite 3600  
455 North Cityfront Plaza Drive  
Chicago, IL 60611-5599

**ASSIGNMENT**

**WHEREAS, WE,**

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

Zhefeng YAN  
Huawei Administration Building  
Bantian, Longgang District  
Shenzhen, 518129, Guangdong  
P.R. CHINA;

have invented and own a certain invention entitled:

**Data Distribution Method, Data Distribution System and Relevant Devices in Edge Network**

for which invention we have executed an application (provisional or non-provisional) for a U.S. patent, which was filed on \_\_\_\_\_, 2009 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.

**PATENT**

**REEL: 022889 FRAME: 0033**

In re Appln. of Xue et al.  
Attorney Docket No. \_\_\_\_\_

SUPPLEMENTAL INVENTOR SHEET (PTO/SB/101)

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 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 10th June 2004

Chuansong XUE  
Chuansong XUE

Date 10th June 2004

Mingxing Yu  
Witness

Date 10th June 2004

Yongjun Li  
Witness

Date \_\_\_\_\_

\_\_\_\_\_  
Zhefeng YAN

Date \_\_\_\_\_

\_\_\_\_\_  
Witness

Date \_\_\_\_\_

\_\_\_\_\_  
Witness

In re Appln. of Xue et al.  
Attorney Docket No. \_\_\_\_\_

**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 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 \_\_\_\_\_  
\_\_\_\_\_ Chuansong XUE

Date \_\_\_\_\_  
\_\_\_\_\_ Witness

Date \_\_\_\_\_  
\_\_\_\_\_ Witness

Date 2009-6-26 \_\_\_\_\_  
Zhefeng YAN  
Zhefeng YAN

Date 2009-06-26 \_\_\_\_\_  
Licunyan BAI  
Witness

Date 2009-06-26 \_\_\_\_\_  
Shuang Lin  
Witness