

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>Chengguang Niu</td> <td>06/04/2013</td> </tr> <tr> <td>Zhiwang Zhao</td> <td>06/04/2013</td> </tr> <tr> <td>Guofeng Qian</td> <td>06/04/2013</td> </tr> </tbody> </table>		Name	Execution Date	Chengguang Niu	06/04/2013	Zhiwang Zhao	06/04/2013	Guofeng Qian	06/04/2013
Name	Execution Date								
Chengguang Niu	06/04/2013								
Zhiwang Zhao	06/04/2013								
Guofeng Qian	06/04/2013								
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>13911835</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13911835				
Property Type	Number								
Application Number:	13911835								
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:	13674-1264								
NAME OF SUBMITTER:	Gustavo Siller, Jr.								

Signature:	/Gustavo Siller, Jr./
Date:	06/06/2013
Total Attachments: 3 source=13674-1264Recordation#page1.tif source=13674-1264Recordation#page2.tif source=13674-1264Recordation#page3.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):

CHENGGUANG NIU/JUNE 4, 2013
ZHIWANG ZHAO/JUNE 4, 2013
GUOFENG QIAN/JUNE 4, 2013

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

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? Yes No

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

Execution Date(s): June 4, 2013

- | | |
|---|---|
| <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):

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./

June 6, 2013

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**

ASSIGNMENT

WHEREAS, WE,

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

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

Guofeng QIAN
Huawei Administration Building
Bantian, Longgang District
Shenzhen, 518129, Guangdong
P.R. CHINA;

d

have invented and own a certain invention entitled:
ADDRESS ALLOCATION 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 Niu et al.
Attorney Docket 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 June 4, 2013

Chengguang NIU
Chengguang NIU

Date June 4, 2013

YU FAN
Witness

Date June 4, 2013

Shuxiang WANG
Witness

Date JUNE 4, 2013

Zhiwang ZHAO
Zhiwang ZHAO

Date June 4, 2013

Juan LI
Witness

Date June 4, 2013

Di WU
Witness

Date June 4, 2013

Guofeng QIAN
Guofeng QIAN

Date June 4, 2013

Shouhe XIAO
Witness

Date June 4, 2013

Yuguo WANG
Witness