

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT														
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT														
<b>CONVEYING PARTY DATA</b>															
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Guojun Xu</td> <td>11/23/2009</td> </tr> <tr> <td>Lunjian Mu</td> <td>11/23/2009</td> </tr> <tr> <td>Jue Wang</td> <td>11/23/2009</td> </tr> <tr> <td>Gang Liang</td> <td>11/23/2009</td> </tr> <tr> <td>Xiaobo Wang</td> <td>12/01/2009</td> </tr> <tr> <td>Cheng Huang</td> <td>11/23/2009</td> </tr> </tbody> </table>		Name	Execution Date	Guojun Xu	11/23/2009	Lunjian Mu	11/23/2009	Jue Wang	11/23/2009	Gang Liang	11/23/2009	Xiaobo Wang	12/01/2009	Cheng Huang	11/23/2009
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Cheng Huang	11/23/2009														
<b>RECEIVING PARTY DATA</b>															
<b>Name:</b>	Huawei Technologies Co., Ltd.														
<b>Street Address:</b>	Huawei Administration Building														
<b>Internal Address:</b>	Bantian, Longgang District, Guangdong														
<b>City:</b>	Shenzhen														
<b>State/Country:</b>	CHINA														
<b>Postal Code:</b>	518129														
<b>PROPERTY NUMBERS Total: 1</b>															
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td><b>Application Number:</b></td> <td>12635452</td> </tr> </tbody> </table>		Property Type	Number	<b>Application Number:</b>	12635452										
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<b>Application Number:</b>	12635452														
<b>CORRESPONDENCE DATA</b>															
<b>Fax Number:</b>	(212)527-7701														
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>															
<b>Phone:</b>	2125277700														
<b>Email:</b>	sbahmaie@darbylaw.com														
<b>Correspondent Name:</b>	Pierre R. Yanney														
<b>Address Line 1:</b>	P.O. Box 770														
<b>Address Line 2:</b>	Church Street Station														
<b>Address Line 4:</b>	New York, NEW YORK 10008-0770														
<b>ATTORNEY DOCKET NUMBER:</b>	21370/0213177-US0														

OP \$40.00 12635452

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**PATENT**  
**REEL: 023641 FRAME: 0070**

NAME OF SUBMITTER:

Sarah Bahmaie

Total Attachments: 4

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**PATENT**

Attorney Docket No. \_\_\_\_\_  
 Client Reference No. 0714286US

**ASSIGNMENT**

**WHEREAS, WE,**

Guojun XU  
 Huawei Administration Building  
 Bantian, Longgang District  
 Shenzhen, 518129, Guangdong  
 P.R. CHINA  
 Jue WANG  
 Huawei Administration Building  
 Bantian, Longgang District  
 Shenzhen, 518129, Guangdong  
 P.R. CHINA  
 Xiaobo WANG  
 Huawei Administration Building  
 Bantian, Longgang District  
 Shenzhen, 518129, Guangdong  
 P.R. CHINA

Lunjian MU  
 Huawei Administration Building  
 Bantian, Longgang District  
 Shenzhen, 518129, Guangdong  
 P.R. CHINA  
 Gang LIANG  
 Huawei Administration Building  
 Bantian, Longgang District  
 Shenzhen, 518129, Guangdong  
 P.R. CHINA  
 Cheng HUANG  
 Huawei Administration Building  
 Bantian, Longgang District  
 Shenzhen, 518129, Guangdong  
 P.R. CHINA

have invented and own a certain invention entitled:

**Method for Obtaining Device Information of User Terminals and Communication Service Function entity**

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.

**PATENT**

**REEL : 023641 FRAME: 0072**

In re Appln. of Xu 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 23rd November 2009

Guojun XU  
Guojun XU

Date Nov. 23. 2009

Yonggang BLAN  
Witness

Date Nov. 23. 2009

Yongjing ZHANG  
Witness



Date 23rd November 2009

Lunjian MU  
Lunjian MU

Date Nov. 23. 2009

Yonggang BLAN  
Witness

Date Nov. 23 2009

Yongjing ZHANG  
Witness

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

Date Nov. 23. 2009

Jue Wang  
Jue WANG

Date Nov. 23. 2009

Yongkang BLAN  
Witness

Date Nov. 23. 2009

Yongjing ZHANG  
Witness

Date Nov. 23. 2009

Gang Liang  
Gang LIANG

Date Nov. 23. 2009

Yongkang BLAN  
Witness

Date Nov. 23. 2009

Yongjing ZHANG  
Witness

Date \_\_\_\_\_

\_\_\_\_\_  
Xiaobo WANG

Date Nov. 23. 2009

Yongkang BLAN  
Witness

Date Nov. 23. 2009

Yongjing ZHANG  
Witness

Date Nov. 23. 2009

Cheng HUANG  
Cheng HUANG

Date Nov. 23. 2009

Yongkang BLAN  
Witness

Date Nov. 23. 2009

Yongjing ZHANG  
Witness

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

Date \_\_\_\_\_

Jue WANG

Date \_\_\_\_\_

Witness

Date \_\_\_\_\_

Witness

Date \_\_\_\_\_

Gang LIANG

Date \_\_\_\_\_

Witness

Date \_\_\_\_\_

Witness

Date 1. DEC. 2009

Xiaobo WANG  
Xiaobo WANG

Date 1. Dec. 2009

Qing Xiong  
Witness

Date 1. DEC. 2009

Fenfan Lu  
Witness

Date \_\_\_\_\_

Cheng HUANG

Date \_\_\_\_\_

Witness

Date \_\_\_\_\_

Witness