

## PATENT ASSIGNMENT

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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>Michael ROBERTS</td> <td>11/07/2012</td> </tr> <tr> <td>Johan JOHANSSON</td> <td>11/05/2012</td> </tr> <tr> <td>Boyun XIE</td> <td>11/01/2012</td> </tr> <tr> <td>Min HUANG</td> <td>11/05/2012</td> </tr> </tbody> </table>		Name	Execution Date	Michael ROBERTS	11/07/2012	Johan JOHANSSON	11/05/2012	Boyun XIE	11/01/2012	Min HUANG	11/05/2012		
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<table border="1"> <tr> <td>Name:</td> <td>Huawei Technologies Co., Ltd.</td> </tr> <tr> <td>Street Address:</td> <td>Huawei Administration Building</td> </tr> <tr> <td>Internal Address:</td> <td>Bantian, Longgang District</td> </tr> <tr> <td>City:</td> <td>Shenzhen, Guangdong</td> </tr> <tr> <td>State/Country:</td> <td>CHINA</td> </tr> <tr> <td>Postal Code:</td> <td>518129</td> </tr> </table>		Name:	Huawei Technologies Co., Ltd.	Street Address:	Huawei Administration Building	Internal Address:	Bantian, Longgang District	City:	Shenzhen, Guangdong	State/Country:	CHINA	Postal Code:	518129
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CORRESPONDENCE DATA													
<p>Fax Number: 3126165700  <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 312-616-5600        Email: assignments@leydig.com        Correspondent Name: Leydig, Voit &amp; Mayer, Ltd.        Address Line 1: Two Prudential Plaza, Suite 4900        Address Line 2: 180 N. Stetson Avenue        Address Line 4: Chicago, ILLINOIS 60601-6731</p>													
ATTORNEY DOCKET NUMBER:	HW711473												
NAME OF SUBMITTER:	John B. Conklin												

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Total Attachments: 5

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**PATENT**

Attorney Docket No. HW711473

Client Reference No. 81371338US22

**ASSIGNMENT**

**WHEREAS, WE,**

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

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

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

Min HUANG  
Huawei Administration Building  
Bantian, Longgang District  
Shenzhen, 518129, Guangdong  
P.R. CHINA;

have invented and own a certain invention entitled:

**METHOD, TERMINAL, AND SYSTEM FOR CELL RESELECTION**

for which invention we have executed an application (provisional or non-provisional) for a U.S. patent, which was filed on 11/08/12, under U.S. Application No. \_\_\_\_\_ and

13/672,494

**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.

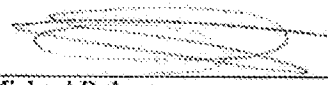
**WE DO HEREBY COVENANT** and agree with the Assignee that we will not execute any writing or do any act whatsoever conflicting with the terms of this assignment document set forth herein, and that we will at any time upon request, without further or additional consideration, but at the expense of the 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 Roberts et al.  
Attorney Docket No. HW711473

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 Nov 7, 2012

  
Michael Roberts

Date Nov 7, 2012

Luven LONG  
Witness

Date Nov 7, 2012

Wenjun GU  
Witness

Date \_\_\_\_\_

\_\_\_\_\_  
Johan Johansson

Date \_\_\_\_\_

\_\_\_\_\_  
Witness

Date \_\_\_\_\_

\_\_\_\_\_  
Witness

Date \_\_\_\_\_

\_\_\_\_\_  
Boyun XIE

Date \_\_\_\_\_

\_\_\_\_\_  
Witness

Date \_\_\_\_\_

\_\_\_\_\_  
Witness

Date \_\_\_\_\_

\_\_\_\_\_  
Min HUANG

Date \_\_\_\_\_

\_\_\_\_\_  
Witness

Date \_\_\_\_\_

\_\_\_\_\_  
Witness

PATENT

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\_\_\_\_\_  
Michael Roberts

Date \_\_\_\_\_

\_\_\_\_\_  
Witness

Date \_\_\_\_\_

\_\_\_\_\_  
Witness

Date Nov 5, 2012

\_\_\_\_\_  
Johan Johansson

*SIV JOHANSSON*

Date Nov 5, 2012

\_\_\_\_\_  
Witness

*SIMON JOHANSSON*

Date Nov 5, 2012

\_\_\_\_\_  
Witness

Date \_\_\_\_\_

\_\_\_\_\_  
Boyun XIE

Date \_\_\_\_\_

\_\_\_\_\_  
Witness

Date \_\_\_\_\_

\_\_\_\_\_  
Witness

Date \_\_\_\_\_

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Date \_\_\_\_\_  
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Date \_\_\_\_\_  
 Johan Johansson

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

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

Date Nov 1, 2012  
Boyun XIE  
 Boyun XIE

Date Nov 1, 2012  
Hua FAN  
 Witness

Date Nov 1, 2012  
Bin ZHU  
 Witness

Date \_\_\_\_\_  
 Min HUANG

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

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

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Date \_\_\_\_\_ Michael Roberts

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Date \_\_\_\_\_ Johan Johansson

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

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

Date \_\_\_\_\_ Boyun XIE

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

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

Date Nov. 5, 2012 Min HUANG  
 Min HUANG

Date Nov. 5, 2012 Miao FU  
 Witness

Date Nov. 5, 2012 Xiao YANG  
 Witness