

## 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>Hongru ZHU</td> <td>09/28/2012</td> </tr> <tr> <td>Minpeng QI</td> <td>09/28/2012</td> </tr> <tr> <td>Wenjuan JIAO</td> <td>09/28/2012</td> </tr> </tbody> </table>		Name	Execution Date	Hongru ZHU	09/28/2012	Minpeng QI	09/28/2012	Wenjuan JIAO	09/28/2012
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Minpeng QI	09/28/2012								
Wenjuan JIAO	09/28/2012								
RECEIVING PARTY DATA									
Name:	CHINA MOBILE COMMUNICATIONS CORPORATION								
Street Address:	29, Jinrong Ave.								
City:	Beijing, Xicheng District								
State/Country:	CHINA								
Postal Code:	100032								
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>13643958</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13643958				
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Application Number:	13643958								
CORRESPONDENCE DATA									
Fax Number:	2486410270								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
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NAME OF SUBMITTER:	Susan McGaw								
Total Attachments: 2 source=Signed_Assignment#page1.tif source=Signed_Assignment#page2.tif									

CH \$40.00 13643958

Harness, Dickey & Pierce, P.L.C.  
P. O. Box 828, Bloomfield Hills,  
Michigan 48303

**ASSIGNMENT**

**WHEREAS, WE,**

ZHU, Hongru  
29, Jinrong Ave., Xicheng District,  
Beijing 100032, P. R. China;

QI, Minpeng  
29, Jinrong Ave., Xicheng District,  
Beijing 100032, P. R. China;

JIAO, Wenjuan  
29, Jinrong Ave., Xicheng District,  
Beijing 100032, P. R. China;

have invented and own a certain invention entitled:

**AUTHENTICATION METHOD AND DEVICE, AUTHENTICATION CENTRE AND SYSTEM**

for which invention we have executed an application (provisional or non-provisional) for a U.S. patent, which was filed on 10/26/2012, 2012, under U.S. Application No. 13/643,958, as the National Phase of PCT/CN2011/073352 filed on April 27, 2011; and

**WHEREAS, CHINA MOBILE COMMUNICATIONS CORPORATION OF 29, Jinrong Ave., Xicheng District, Beijing 100032, 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 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 2012.9.28 ZHU Hongru  
ZHU, Hongru

Date 2012.9.28 YAN Junzhi  
Witness

Date 2012.9.28 Tian Ye  
Witness

Date 2012.9.28 Qi Minpeng  
QI, Minpeng

Date 2012.9.28 YAN Junzhi  
Witness

Date 2012.9.28 Tian Ye  
Witness

Date 2012.9.28 Jiao Wenjuan  
JIAO, Wenjuan

Date 2012.9.28 YAN Junzhi  
Witness

Date 2012.9.28 Tian Ye  
Witness