

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<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>Hongguang Guan</td> <td>09/15/2011</td> </tr> <tr> <td>Xiaoyu Gong</td> <td>09/15/2011</td> </tr> <tr> <td>Yungui Wang</td> <td>09/15/2011</td> </tr> <tr> <td>Hongguang Li</td> <td>09/15/2011</td> </tr> </tbody> </table>		Name	Execution Date	Hongguang Guan	09/15/2011	Xiaoyu Gong	09/15/2011	Yungui Wang	09/15/2011	Hongguang Li	09/15/2011
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<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>Huawei Technologies Co., Ltd.</td> </tr> <tr> <td>Street Address:</td> <td>Huawei Administration Building, Bantian, Longgang District,</td> </tr> <tr> <td>City:</td> <td>Shenzhen, 518129, Guangdong, P.R.</td> </tr> <tr> <td>State/Country:</td> <td>CHINA</td> </tr> </table>		Name:	Huawei Technologies Co., Ltd.	Street Address:	Huawei Administration Building, Bantian, Longgang District,	City:	Shenzhen, 518129, Guangdong, P.R.	State/Country:	CHINA		
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PROPERTY NUMBERS Total: 1											
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CORRESPONDENCE DATA											
<p>Fax Number: (972)628-3616</p> <p>Phone: 972 628 3600</p> <p>Email: patents@munckcarter.com</p> <p><i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i></p> <p>Correspondent Name: Docket Clerk/HTCL</p> <p>Address Line 1: P.O. Drawer 800889</p> <p>Address Line 4: Dallas, TEXAS 75380</p>											
NAME OF SUBMITTER:	Robert D. McCutcheon										
<p>Total Attachments: 3</p> <p>source=Assignment#page1.tif</p> <p>source=Assignment#page2.tif</p> <p>source=Assignment#page3.tif</p>											

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PATENT
 REEL: 026919 FRAME: 0193

ASSIGNMENT

WHEREAS, WE,

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

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

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

Hongguang LI
Huawei Administration Building
Bantian, Longgang District
Shenzhen, 518129, Guangdong
P.R. CHINA;

have invented and own a certain invention entitled:

METHOD, DEVICE, AND SYSTEM FOR PRE-AUTHENTICATION

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

In re Appln. of Zhao et al.
Attorney Docket No. _____

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 <u>September 15, 2011</u>	<u>Hongguang GUAN</u> Hongguang GUAN Min Zha Witness <u>Jing Huang</u> Witness
Date <u>September 15, 2011</u>	
Date <u>September 15, 2011</u>	

Date <u>September 15, 2011</u>	<u>Xiaoyu GONG</u> Xiaoyu GONG Min Zha Witness <u>Jing Huang</u> Witness
Date <u>September 15, 2011</u>	
Date <u>September 15, 2011</u>	

Date <u>September 15, 2011</u>	<u>Yunqiu WANG</u> Yunqiu WANG Min Zha Witness <u>Jing Huang</u> Witness
Date <u>September 15, 2011</u>	
Date <u>September 15, 2011</u>	

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Date September 15, 2011

Hongguang Li
Hongguang Li

Date September 15, 2011

Min Zha

Witness

Date September 15, 2011

Jing Huang

Witness