

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 style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Wenliang Liang</td> <td>07/01/2009</td> </tr> <tr> <td>Jianjun Wu</td> <td>07/01/2009</td> </tr> <tr> <td>Xianhui He</td> <td>07/01/2009</td> </tr> </tbody> </table>		Name	Execution Date	Wenliang Liang	07/01/2009	Jianjun Wu	07/01/2009	Xianhui He	07/01/2009				
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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</td> </tr> <tr> <td>Internal Address:</td> <td>Bantian, Longgang District, Guangdong</td> </tr> <tr> <td>City:</td> <td>Shenzhen</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, Guangdong	City:	Shenzhen	State/Country:	CHINA	Postal Code:	518129
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PROPERTY NUMBERS Total: 1													
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CORRESPONDENCE DATA													
<p>Fax Number: (212)527-7701 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 2125277700 Email: sbahmaie@darbylaw.com Correspondent Name: Melvin C. Garner Address Line 1: P.O. Box 770 Address Line 2: Church Street Station Address Line 4: New York, NEW YORK 10008-0770</p>													
ATTORNEY DOCKET NUMBER:	21370/0212502-US0												
NAME OF SUBMITTER:	Sarah Bahmaie												
Total Attachments: 2													

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PATENT
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PATENT

Attorney Docket No. _____
Client Reference No. 0710263US

Darby & Darby P.C.
7 World Trade Center,
250 Greenwich Street
New York, N Y 10007-0042

ASSIGNMENT

WHEREAS, WE,

Wenliang LIANG
Huawei Administration Building
Bantian, Longgang District
Shenzhen, 518129, Guangdong
P.R. CHINA
Xianhui HE
Huawei Administration Building
Bantian, Longgang District
Shenzhen, 518129, Guangdong
P.R. CHINA

Jianjun WU
Huawei Administration Building
Bantian, Longgang District
Shenzhen, 518129, Guangdong
P.R. CHINA

have invented and own a certain invention entitled:

**MOBILE INTERNET PROTOCOL SYSTEM AND METHOD FOR UPDATING HOME
AGENT ROOT KEY**

for which invention we have executed an application (provisional or non-provisional) for a U.S. patent, which was filed on _____, 2008, 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: 023962 FRAME: 0964

In re Appln. of Liang 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 1st July 2009

Wenliang LIANG
Wenliang LIANG

Date 1st July 2009

Chenghui Peng
Witness

Date 1st July 2009

Wei Zhang
Witness

Date July 1, 2009

Jianjun Wu
Jianjun WU

Date July 1, 2009

Chenghui Peng
Witness

Date 1st July, 2009

Wei Zhang
Witness

Date July 1, 2009

Xianhui HE
Xianhui HE

Date July 1, 2009

Lei Lu
Witness

Date July 1, 2009

Yuhua Chen
Witness