

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>Hongguang LIU</td> <td>11/21/2012</td> </tr> <tr> <td>Yu ZHANG</td> <td>11/21/2012</td> </tr> <tr> <td>Lixia XU</td> <td>11/21/2012</td> </tr> </tbody> </table>		Name	Execution Date	Hongguang LIU	11/21/2012	Yu ZHANG	11/21/2012	Lixia XU	11/21/2012
Name	Execution Date								
Hongguang LIU	11/21/2012								
Yu ZHANG	11/21/2012								
Lixia XU	11/21/2012								
RECEIVING PARTY DATA									
Name:	Huawei Technologies Co., Ltd.								
Street Address:	Huawei Administration Building								
Internal Address:	Bantian, Longgang District								
City:	Shenzhen, Guangdong								
State/Country:	CHINA								
Postal Code:	518129								
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>13689246</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13689246				
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Application Number:	13689246								
CORRESPONDENCE DATA									
Fax Number:	3126165700								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
Phone:	312-616-5600								
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Correspondent Name:	Leydig, Voit & Mayer, Ltd.								
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Address Line 2:	180 N. Stetson Avenue								
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ATTORNEY DOCKET NUMBER:	HW711355								
NAME OF SUBMITTER:	John B. Conklin								
Total Attachments: 2 source=Assignment#page1.tif source=Assignment#page2.tif									

CH \$40.00 13689246

ASSIGNMENT

WHEREAS, WE,

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

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

Lixia XU
Huawei Administration Building
Bantian, Longgang District
Shenzhen, 518129, Guangdong
P.R. CHINA;

have invented and own a certain invention entitled:
**METHOD AND SYSTEM FOR DYNAMICALLY UPGRADING A CHIP AND
BASEBOARD MANAGEMENT CONTROLLER**
for which invention we have executed an application (provisional or non-provisional) for a U.S.
patent, which was filed on 11/29/2012, under U.S. Application No. and

13/689,246

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 Liu et al.
Attorney Docket No. HW711355

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>NOV 21. 2012</u>	<u>Hongguang LIU</u> Hongguang LIU
Date <u>NOV 21. 2012</u>	<u>Diting LI</u> Witness
Date <u>NOV 21. 2012</u>	<u>Jinyi ZHANG</u> Witness
=====	
Date <u>NOV 21. 2012</u>	<u>Yu ZHANG</u> Yu ZHANG
Date <u>NOV 21. 2012</u>	<u>Yansheng BAO</u> Witness
Date <u>NOV 21. 2012</u>	<u>LI ZHENG</u> Witness
=====	
Date <u>NOV 21. 2012</u>	<u>Lixia XU</u> Lixia XU
Date <u>NOV 21. 2012</u>	<u>Bin FAN</u> Witness
Date <u>NOV 21. 2012</u>	<u>Jun QIU</u> Witness