

## PATENT ASSIGNMENT

Electronic Version v1.1  
 Stylesheet Version v1.1

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>Ping Fang</td> <td>12/21/2012</td> </tr> <tr> <td>Zhiming Ding</td> <td>12/21/2012</td> </tr> <tr> <td>Guiming Shu</td> <td>12/21/2012</td> </tr> </tbody> </table>		Name	Execution Date	Ping Fang	12/21/2012	Zhiming Ding	12/21/2012	Guiming Shu	12/21/2012
Name	Execution Date								
Ping Fang	12/21/2012								
Zhiming Ding	12/21/2012								
Guiming Shu	12/21/2012								
RECEIVING PARTY DATA									
Name:	Huawei Device Co., Ltd.								
Street Address:	Building B2, Huawei Industrial Base								
Internal Address:	Bantain, 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>13728673</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13728673				
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Application Number:	13728673								
CORRESPONDENCE DATA									
Fax Number:	3123214299								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
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ATTORNEY DOCKET NUMBER:	13674-1130								
NAME OF SUBMITTER:	Gustavo Siller, Jr.								
Total Attachments: 3 source=13674-1130Assignment#page1.tif source=13674-1130Assignment#page2.tif source=13674-1130Assignment#page3.tif									

CH \$40.00 13728673



## ASSIGNMENT

## WHEREAS, WE,

Ping FANG BuildingB2, Huawei Industrial Base Bantian, Longgang District Shenzhen, 518129, Guangdong P.R. CHINA.;and	Zhiming DING BuildingB2,HuaweiIndustrialBase Bantian, Longgang District Shenzhen, 518129, Guangdong P.R. CHINA.;and
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Guiming SHU  
BuildingB2, Huawei Industrial Base  
Bantian, Longgang District  
Shenzhen, 518129, Guangdong  
P.R. CHINA.;

have invented and own a certain invention entitled:  
METHOD FOR IMPLEMENTING POWER SAVING OF ACCESS POINT AND ACCESS  
POINT ON WIRELESS COMMUNICATION NETWORK  
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 DEVICE CO., LTD., of BuildingB2, Huawei Industrial Base,  
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

In re Appln. of Fang et al.  
Attorney Docket No. \_\_\_\_\_

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 December 21, 2012 Ping Fang  
Ping FANG

Date December 21, 2012 keCheng Yu  
Witness

Date December 21, 2012 Ji Chen  
Witness

Date December 21, 2012 Zhiming DING  
Zhiming DING

Date December 21, 2012 keCheng Yu  
Witness

Date December 21, 2012 Ji Chen.  
Witness

Date December 21, 2012 Guiming SHU  
Guiming SHU

Date December 21, 2012 keCheng Yu.  
Witness

Date December 21, 2012 Ji Chen  
Witness