

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>Xiaoming DUAN</td> <td>06/20/2013</td> </tr> <tr> <td>Mingyi DENG</td> <td>06/24/2013</td> </tr> <tr> <td>Ziyan LIU</td> <td>06/20/2013</td> </tr> </tbody> </table>		Name	Execution Date	Xiaoming DUAN	06/20/2013	Mingyi DENG	06/24/2013	Ziyan LIU	06/20/2013
Name	Execution Date								
Xiaoming DUAN	06/20/2013								
Mingyi DENG	06/24/2013								
Ziyan LIU	06/20/2013								
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>13927965</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13927965				
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Application Number:	13927965								
CORRESPONDENCE DATA									
Fax Number:	3126165700								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
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ATTORNEY DOCKET NUMBER:	HW713659								
NAME OF SUBMITTER:	John B. Conklin								
Signature:	/John B. Conklin/								

PATENT

Date:

06/26/2013

Total Attachments: 4

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ASSIGNMENT

WHEREAS, WE,

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

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

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

have invented and own a certain invention entitled:
METHOD AND DEVICE FOR REALIZING ENERGY SAVING IN COMMUNICATION SYSTEM

for which invention we have executed an application (provisional or non-provisional) for a U.S. patent, which was filed on 06/26/2013, under U.S. Application No. _____ and
13/927,965

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 Duan et al.
Attorney Docket No. HW713659

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 June 20, 2013

Xiaoming DUAN
Xiaoming DUAN

Date June 20, 2013

Shuhai CHEN
Witness

Date June 20, 2013

Xuanpeng LIU
Witness

=====
Date _____

Mingyi DENG

Date _____

Witness

Date _____

Witness

=====
Date _____

Ziyang LIU

Date _____

Witness

Date _____

Witness

In re Appln. of Duan et al.
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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 _____
Xiaoming DUAN

Date _____
Witness

Date _____
Witness

=====
Date June 24, 2013 Mingyi DENG
Mingyi DENG

Date June 24, 2013 Yuhua LIU
Witness

Date June 24, 2013 QIU XU
Witness

=====
Date _____
Ziyan LIU

Date _____
Witness

Date _____
Witness

In re Appln. of Duan et al.
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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 _____ Xiaoming DUAN

Date _____ Witness

Date _____ Witness

Date _____ Mingyi DENG

Date _____ Witness

Date _____ Witness

Date Jun 20, 2013 Ziyan LIU
Ziyan LIU

Date Jun 20, 2013 Jongmei ZENG
Witness

Date Jun 20, 2013 Jing M.
Witness