

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>Hai Wen</td> <td>12/20/2012</td> </tr> <tr> <td>Qian Deng</td> <td>12/20/2012</td> </tr> </tbody> </table>		Name	Execution Date	Hai Wen	12/20/2012	Qian Deng	12/20/2012
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Hai Wen	12/20/2012						
Qian Deng	12/20/2012						
RECEIVING PARTY DATA							
Name:	Huawei Technologies Co., Ltd.						
Street Address:	Huawei Administration Building						
Internal Address:	Bantian, Longgang District						
City:	Shenzhen						
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>13721426</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13721426		
Property Type	Number						
Application Number:	13721426						
CORRESPONDENCE DATA							
Fax Number:	9727312289						
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>							
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NAME OF SUBMITTER:	Nicholas K. Beaulieu						
Total Attachments: 2 source=4202-30600_Assignment_Wen_Deng#page1.tif source=4202-30600_Assignment_Wen_Deng#page2.tif							

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PATENT

ASSIGNMENT

WHEREAS, WE,

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

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

have invented and own a certain invention entitled:
BACKPLANE, COMMUNICATION DEVICE AND COMMUNICATION SYSTEM
for which invention we have executed an application (provisional or non-provisional) for a U.S. patent, which was filed on Dec. 20, 2012, under U.S. Application No. 13/721426 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 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 re Appin. of Wen et al.
Attorney Docket No. 4202-30600

IN WITNESS WHEREOF, we have hereunder set our hands on the dates shown below.

Date Dec 20, 2012

Hai WEN

Hai WEN

Date Dec. 20, 2012

Tao Zong

Witness

Date Dec. 20, 2012

Jian Yang

Witness

Date Dec 20, 2012

Qian Deng

Qian DENG

Date Dec 20, 2012

Ting Xie

Witness

Date Dec 20, 2012

Daoxue Hu

Witness