

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>Lei Miao</td> <td>05/19/2010</td> </tr> <tr> <td>Fengyan Qi</td> <td>05/19/2010</td> </tr> <tr> <td>Qing Zhang</td> <td>05/19/2010</td> </tr> </tbody> </table>		Name	Execution Date	Lei Miao	05/19/2010	Fengyan Qi	05/19/2010	Qing Zhang	05/19/2010				
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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</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	City:	Shenzhen	State/Country:	CHINA	Postal Code:	518129
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CORRESPONDENCE DATA													
Fax Number: (972)731-2289 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> Phone: 972-731-2288 Email: dallaspatents@dfw.conleyrose.com Correspondent Name: Grant Rodolph Address Line 1: 5601 Granite Parkway Address Line 2: Suite 750 Address Line 4: Plano, TEXAS 75024													
ATTORNEY DOCKET NUMBER:	4202-10500 (0911449US)												
NAME OF SUBMITTER:	Grant Rodolph												
Total Attachments: 3													

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PATENT
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PATENT
 Attorney Docket No. 4202-10500
 Client Reference No. 0911449US

ASSIGNMENT

WHEREAS, WE,

Lei MIAO Huawei Administration Building Bantian, Longgang District Shenzhen, 518129, Guangdong P.R. CHINA; and	Fengyan QI Huawei Administration Building Bantian, Longgang District Shenzhen, 518129, Guangdong P.R. CHINA; and
Qing ZHANG Huawei Administration Building Bantian, Longgang District Shenzhen, 518129, Guangdong P.R. CHINA.	

have invented and own a certain invention entitled:

ENCODING METHOD, APPARATUS AND DEVICE AND DECODING METHOD

for which invention we have executed an application (provisional or non-provisional) for a U.S. patent, which was filed on May 28, 2010, under U.S. Application No. 12/790,345, 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

In re Appln. of Miao et al.
Attorney Docket No. 4202-10500

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 19 May 2010 Lei Miao
Lei MIAO

Date 19 May 2010 Xiao yan BAA
Witness

Date 19 May 2010 Shuang Lin
Witness

Date _____
Fengyan QI

Date _____
Witness

Date _____
Witness

Date 19 May 2010 Qing Zhang
Qing ZHANG

Date 19 May 2010 Xiao yan BAA
Witness

Date 19 May 2010 Shuang Lin
Witness

In re Appln. of Miao et al.
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IN WITNESS WHEREOF, we have hereunder set our hands on the dates shown below.

Date _____

Lei MIAO

Date _____

Witness

Date _____

Witness

Date 19 May 2010

Fengyan QI
Fengyan QI

Date 19 May 2010

Zexin LIU
Witness

Date 19 May 2010

Yue Long
Witness

Date _____

Qing ZHANG

Date _____

Witness

Date _____

Witness