

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;"> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> <tr> <td>Fuwei Ma</td> <td>10/26/2009</td> </tr> <tr> <td>Dejun Zhang</td> <td>10/26/2009</td> </tr> </table>		Name	Execution Date	Fuwei Ma	10/26/2009	Dejun Zhang	10/26/2009						
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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, Guangdong</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, Guangdong	State/Country:	CHINA	Postal Code:	518129
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PROPERTY NUMBERS Total: 1													
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CORRESPONDENCE DATA													
<p>Fax Number: (312)616-5700</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 312 616 5600</p> <p>Email: assignments@leydig.com</p> <p>Correspondent Name: Leydig, Voit & Mayer, Ltd.</p> <p>Address Line 1: Two Prudential Plaza Suite 4900</p> <p>Address Line 2: 180 North Stetson Avenue</p> <p>Address Line 4: Chicago, ILLINOIS 60601-6731</p>													
ATTORNEY DOCKET NUMBER:	HW705617												
NAME OF SUBMITTER:	John B. Conklin												
<p>Total Attachments: 3</p> <p>source=Assignment#page 1.tif</p>													

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PATENT

Attorney Docket No. 705617
Client Reference No. H0711561US

ASSIGNMENT

WHEREAS, WE,

Fuwei MA Huawei Administration Building Bantian, Longgang District Shenzhen, 518129, Guangdong P.R. CHINA; and	Dejun ZHANG Huawei Administration Building Bantian, Longgang District Shenzhen, 518129, Guangdong P.R. CHINA; and
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have invented and own a certain invention entitled:

CODING METHOD, DECODING METHOD, CODER, AND DECODER

for which invention we have executed an application (provisional or non-provisional) for a U.S. patent, which was filed on Oct. 28, 2009 under U.S. Application No. 12/607,723, 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

PATENT**REEL: 023440 FRAME: 0121**

In re Appln. of Ma et al.
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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 26th October 2009

Fuwei MA

Fuwei MA

Date 26th October 2009

Lixiong LI

Witness

Date 26th October 2009

Lijing XU

Witness

Date _____

Dejun ZHANG

Date _____

Witness

Date _____

Witness

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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.

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Date _____

Fuwei MA

Date _____

Witness

Date _____

Witness

Date 26th October, 2009

Dejun ZHANG
Dejun ZHANG

Date 26th October, 2009

Wei XIAO
Witness

Date 26th October, 2009

Ting Hong WANG
Witness