

# PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT														
NATURE OF CONVEYANCE:	ASSIGNMENT														
<b>CONVEYING PARTY DATA</b>															
<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>Jianfeng Xu</td> <td>04/02/2009</td> </tr> <tr> <td>Lijing Xu</td> <td>04/03/2009</td> </tr> <tr> <td>Qing Zhang</td> <td>04/03/2009</td> </tr> <tr> <td>Wei Li</td> <td>04/17/2009</td> </tr> <tr> <td>Shenghu Sang</td> <td>04/17/2009</td> </tr> <tr> <td>Zhengzhong Du</td> <td>04/03/2009</td> </tr> </tbody> </table>		Name	Execution Date	Jianfeng Xu	04/02/2009	Lijing Xu	04/03/2009	Qing Zhang	04/03/2009	Wei Li	04/17/2009	Shenghu Sang	04/17/2009	Zhengzhong Du	04/03/2009
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<b>RECEIVING PARTY DATA</b>															
<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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<b>PROPERTY NUMBERS Total: 1</b>															
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<b>CORRESPONDENCE DATA</b>															
<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 &amp; 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:	HW704712														

CH \$40.00 12427848

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**PATENT**  
**REEL: 022578 FRAME: 0903**

NAME OF SUBMITTER:

John B. Conklin

Total Attachments: 5

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**PATENT**

Attorney Docket No. 704712  
Client Reference No. 0615408US

Leydig, Voit & Mayer, Ltd.  
Two Prudential Plaza, Suite 4900  
180 North Stetson Avenue  
Chicago, Illinois 60601-6731

**ASSIGNMENT**

**WHEREAS, WE,**

Jianfeng XU Huawei Industrial Base, Bantian, Longgang, Shenzhen, Guangdong 518129 P. R. China; and	Lijing XU Huawei Industrial Base, Bantian, Longgang, Shenzhen, Guangdong 518129 P. R. China; and
Qing ZHANG Huawei Industrial Base, Bantian, Longgang, Shenzhen, Guangdong 518129 P. R. China; and	Wei LI Huawei Industrial Base, Bantian, Longgang, Shenzhen, Guangdong 518129 P. R. China; and
Shenghu SANG Huawei Industrial Base, Bantian, Longgang, Shenzhen, Guangdong 518129 P. R. China; and	Zhengzhong DU Huawei Industrial Base, Bantian, Longgang, Shenzhen, Guangdong 518129 P. R. China

have invented and own a certain invention entitled:

**DECODING METHOD AND DEVICE**

for which invention we have executed an application (provisional or non-provisional) for a U.S. patent, which was filed on April 22, 2009, under U.S. Application No. 12/427,848 and

**WHEREAS, HUAWEI TECHNOLOGIES CO., LTD.**, of Huawei Administration Building, Bantian, Longgang District, Shenzhen, Guangdong 518129, 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.

**PATENT**

**REEL: 022578 FRAME: 0905**

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

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

Date 2nd April 2009

Jianfeng XU

Jianfeng XU

Date 2nd April 2009

BO GENG

Witness

Date 2nd April 2009

Jianghai GAO

Witness

Date \_\_\_\_\_

Lijing XU

Date \_\_\_\_\_

Witness

Date \_\_\_\_\_

Witness

Date \_\_\_\_\_

Qing ZHANG

Date \_\_\_\_\_

Witness

Date \_\_\_\_\_

Witness

PATENT

REEL: 022578 FRAME: 0906

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Attorney Docket No. \_\_\_\_\_

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

Date _____	_____
	Jianfeng XU
Date _____	_____
	Witness
Date _____	_____
	Witness
Date <u>April 3, 2009</u>	<u>Lijing XU</u>
	Lijing XU
Date <u>April 3, 2009</u>	<u>Zhengzhong DU</u>
	Witness
Date <u>April 3, 2009</u>	<u>Chen HU</u>
	Witness
Date <u>2009.4.3</u>	<u>Qing Zhang</u>
	Qing ZHANG
Date <u>April 3, 2009</u>	<u>Zhengzhong DU</u>
	Witness
Date <u>April 3, 2009</u>	<u>Chen HU</u>
	Witness

PATENT

REEL: 022578 FRAME: 0907

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

Date 17th April 2009

Wei Li  
Wei Li

Date 17th April 2009

Xiao youn BAZ  
Witness

Date 2009.4.17

Bobo YIN  
Witness

Date 17th April 2009

Shenghu SANG  
Shenghu SANG

Date 17th April 2009

Xiao youn BAZ  
Witness

Date 2009.4.17

Bobo YIN  
Witness

Date \_\_\_\_\_

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Wei LI

Date \_\_\_\_\_

Witness

Date \_\_\_\_\_

Witness

Date \_\_\_\_\_

Shenghu SANG

Date \_\_\_\_\_

Witness

Date \_\_\_\_\_

Witness

Date April 3, 2009

Zhengzhong DU  
Zhengzhong DU

Date April, 3, 2009

Hu Chen  
Witness

Date April, 3, 2009

Lijing XU  
Witness