

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>Yong Cheng</td> <td>02/10/2009</td> </tr> <tr> <td>Xiaodong Bao</td> <td>02/10/2009</td> </tr> <tr> <td>Zhan Zhang</td> <td>02/25/2009</td> </tr> <tr> <td>Yinghai He</td> <td>02/10/2009</td> </tr> <tr> <td>Ning Wu</td> <td>02/10/2009</td> </tr> </tbody> </table>		Name	Execution Date	Yong Cheng	02/10/2009	Xiaodong Bao	02/10/2009	Zhan Zhang	02/25/2009	Yinghai He	02/10/2009	Ning Wu	02/10/2009
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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>12433285</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12433285								
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CORRESPONDENCE DATA													
Fax Number:	(312)616-5700												
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ATTORNEY DOCKET NUMBER:	HW704742												

CH \$40.00 12433285

NAME OF SUBMITTER:

John B. Conklin

Total Attachments: 4

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PATENT
Attorney Docket No. 704742
Client Reference No. 0711449US

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

ASSIGNMENT

WHEREAS, WE,

Yong CHENG Huawei Administration Building, Bantian, Longgang District, Shenzhen, Guangdong 518129, P.R. CHINA; and	Xiaodong BAO Huawei Administration Building, Bantian, Longgang District, Shenzhen, Guangdong 518129, P.R. CHINA; and
Zhan ZHANG Huawei Administration Building, Bantian, Longgang District, Shenzhen, Guangdong 518129, P.R. CHINA; and	Yinghai HE Huawei Administration Building, Bantian, Longgang District, Shenzhen, Guangdong 518129, P.R. CHINA; and
Ning WU Huawei Administration Building, Bantian, Longgang District, Shenzhen, Guangdong 518129, P.R. CHINA	

have invented and own a certain invention entitled:

METHOD AND APPARATUS OF CLOCK TRANSMISSION BETWEEN NETWORKS

for which invention we have executed an application (provisional or non-provisional) for a U.S. patent, which was filed on April 30, 2009, under U.S. Application No. 12/433,285, 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.

In re Appln. of Cheng et al.
Attorney Docket No. _____

and we do hereby authorize and request the Commissioner of Patents to issue U.S. patents to the above-mentioned Assignees 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 assignees and legal representatives of all parties hereto.

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

Date 10th February 2009 Yong CHENG
Yong CHENG

Date 10th February 2009 Gangyong LEI
Witness

Date 10th February 2009 Jiulong Zhou
Witness

Date 10th February 2009 Xiaodong BAO
Xiaodong BAO

Date 10th February 2009 Ling LI
Witness

Date 10th February 2009 Hong Zhang
Witness

Date _____ Zhan ZHANG

Date _____
Witness

Date _____
Witness

In re Appln. of Cheng et al.
Attorney Docket No. _____

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 assignors and legal representatives of all parties hereto.

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

Date _____

Yong CHENG

Date _____

Witness

Date _____

Witness

Date _____

Xiaodong BAO

Date _____

Witness

Date _____

Witness

Date 25th February 2009

Zhang Zhan
Zhan ZHANG

Date 25th February 2009

Wang Xiaofang
Witness

Date 26th February 2009

Chen Ligang
Witness

ALL INFORMATION CONTAINED

In re Appln. of Cheng et al.
Attorney Docket No. _____

Date 10th February 2009

Jinghai HE
Witness

Date 10th February 2009

Jin Lu
Witness

Date 10th February 2009

Lu Xie
Witness

Date 10th February 2009

Ning WU
Witness

Date 10th February 2009

Yuguan ZOU
Witness

Date 10th February 2009

Yang ZHANG
Witness