

# PATENT ASSIGNMENT

Electronic Version v1.1

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT								
<b>NATURE OF CONVEYANCE:</b>	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>Guijin Xu</td> <td>09/20/2010</td> </tr> <tr> <td>Guozhu Long</td> <td>09/20/2010</td> </tr> <tr> <td>Ruzhou Feng</td> <td>09/20/2010</td> </tr> </tbody> </table>		Name	Execution Date	Guijin Xu	09/20/2010	Guozhu Long	09/20/2010	Ruzhou Feng	09/20/2010
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<b>RECEIVING PARTY DATA</b>									
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;"><b>Name:</b></td> <td>Huawei Technologies Co., Ltd.</td> </tr> <tr> <td><b>Street Address:</b></td> <td>Huawei Administration Building, Bantian, Longgang District,</td> </tr> <tr> <td><b>City:</b></td> <td>Shenzhen, 518129, Guangdong, P.R.</td> </tr> <tr> <td><b>State/Country:</b></td> <td>CHINA</td> </tr> </table>		<b>Name:</b>	Huawei Technologies Co., Ltd.	<b>Street Address:</b>	Huawei Administration Building, Bantian, Longgang District,	<b>City:</b>	Shenzhen, 518129, Guangdong, P.R.	<b>State/Country:</b>	CHINA
<b>Name:</b>	Huawei Technologies Co., Ltd.								
<b>Street Address:</b>	Huawei Administration Building, Bantian, Longgang District,								
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<b>PROPERTY NUMBERS Total: 1</b>									
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<b>CORRESPONDENCE DATA</b>									
<p>Fax Number: (972)628-3616</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 972-628-3600</p> <p>Email: patents@munckcarter.com</p> <p>Correspondent Name: Docket Clerk/HTCL</p> <p>Address Line 1: P.O. Drawer 800889</p> <p>Address Line 4: Dallas, TEXAS 75380</p>									
<b>NAME OF SUBMITTER:</b>	Robert D. McCutcheon								
<p>Total Attachments: 3</p> <p>source=Assignment#page1.tif</p> <p>source=Assignment#page2.tif</p> <p>source=Assignment#page3.tif</p>									

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**PATENT**  
**REEL: 025073 FRAME: 0831**

## PATENT

Attorney Docket No. \_\_\_\_\_  
Client Reference No. 81359377US03

## ASSIGNMENT

WHEREAS, WE,

Guijin XU Huawei Administration Building Bantian, Longgang District Shenzhen, 518129, Guangdong P.R. CHINA; and	Guozhu LONG Huawei Administration Building Bantian, Longgang District Shenzhen, 518129, Guangdong P.R. CHINA; and
Ruzhou FENG Huawei Administration Building Bantian, Longgang District Shenzhen, 518129, Guangdong P.R. CHINA.	

have invented and own a certain invention entitled:

**Method, Apparatus, and System for Time Synchronization**

for which invention we have executed an application (provisional or non-provisional) for a U.S. patent, which was filed on \_\_\_\_\_, under U.S. Application No. \_\_\_\_\_, 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

PATENT

REEL: 025073 FRAME: 0832

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

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 September 20, 2010

Guijin Xu  
Guijin XU

Date September 20th, 2010

SA 3088 Fanglin Sun  
Witness

Date September 20th, 2010

Ran Ran  
Witness

Date \_\_\_\_\_

Guozhu LONG

Date \_\_\_\_\_

Witness

Date \_\_\_\_\_

Witness

Date September 20, 2010

Ruzhou Feng  
Ruzhou FENG

Date September 20th, 2010

SA 3088 Fanglin Sun  
Witness

Date September 20th, 2010

Ran Ran  
Witness

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

Date \_\_\_\_\_  
 Guijin XU

Date \_\_\_\_\_  
 Witness

Date \_\_\_\_\_  
 Witness

Date 9/20/2010  
 Guozhu LONG

Date 9/20/2010  
 Witness Chin Hung

Date 9/20/2010  
 Witness RCW-8

Date \_\_\_\_\_  
 Ruzhou FENG

Date \_\_\_\_\_  
 Witness

Date \_\_\_\_\_  
 Witness