

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>Jinrong Yin</td> <td>01/04/2013</td> </tr> <tr> <td>Sulin Yang</td> <td>01/04/2013</td> </tr> <tr> <td>Shouwen Liu</td> <td>01/04/2013</td> </tr> </tbody> </table>		Name	Execution Date	Jinrong Yin	01/04/2013	Sulin Yang	01/04/2013	Shouwen Liu	01/04/2013
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RECEIVING PARTY DATA									
<table border="1"> <tr> <td>Name:</td> <td>Huawei Technologies Co., Ltd.</td> </tr> <tr> <td>Street Address:</td> <td>Huawei Administration Building, Bantian, Longgang District,</td> </tr> <tr> <td>City:</td> <td>Shenzhen, 518129, Guangdong, P.R.</td> </tr> <tr> <td>State/Country:</td> <td>CHINA</td> </tr> </table>		Name:	Huawei Technologies Co., Ltd.	Street Address:	Huawei Administration Building, Bantian, Longgang District,	City:	Shenzhen, 518129, Guangdong, P.R.	State/Country:	CHINA
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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>13739783</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13739783				
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CORRESPONDENCE DATA									
<p>Fax Number: 9726283616 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 972 628 3600 Email: patents@munckwilson.com Correspondent Name: Docket Clerk/HTCL Address Line 1: P.O. Drawer 800889 Address Line 4: Dallas, TEXAS 75380</p>									
NAME OF SUBMITTER:	Robert D. McCutcheon								
<p>Total Attachments: 2 source=Assignment#page1.tif source=Assignment#page2.tif</p>									

CH \$40.00 13739783

PATENT

Attorney Docket No. _____
Client Reference No. 83232294U504

ASSIGNMENT

WHEREAS, WE,

Jinrong YIN
Huawei Administration Building
Bantian, Longgang District
Shenzhen, 518129, Guangdong
P.R. CHINA; and

Sulin YANG
Huawei Administration Building
Bantian, Longgang District
Shenzhen, 518129, Guangdong
P.R. CHINA; and

Shouwen LIU
Huawei Administration Building
Bantian, Longgang District
Shenzhen, 518129, Guangdong
P.R. CHINA;

have invented and own a certain invention entitled:
TIME SYNCHRONIZATION METHOD, DEVICE, AND SYSTEM
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
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

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

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 <u>Jan. 4. 2013</u>	<u>Jinrong YIN</u> Jinrong YIN
Date <u>Jan. 4. 2013</u>	<u>Guikai Peng</u> Witness
Date <u>Jan. 4. 2013</u>	<u>Peikun Liu</u> Witness
<hr/>	
Date <u>Jan. 4. 2013</u>	<u>Sulin Yang</u> Sulin YANG
Date <u>Jan. 4. 2013</u>	<u>Yue Wen</u> Witness
Date <u>Jan. 4. 2013</u>	<u>Pan Xu</u> Witness
<hr/>	
Date <u>Jan. 4. 2013</u>	<u>Shouwen LIU</u> Shouwen LIU
Date <u>Jan 4. 2013</u>	<u>Yanhua ZHANG</u> Witness
Date <u>Jan 4. 2013</u>	<u>Dunjun WEI</u> Witness