

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>Aiping Chen</td> <td>03/02/2013</td> </tr> <tr> <td>Zhanbing Zhang</td> <td>03/02/2013</td> </tr> </tbody> </table>		Name	Execution Date	Aiping Chen	03/02/2013	Zhanbing Zhang	03/02/2013						
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<table border="1"> <tr> <td>Name:</td> <td>Huawei Technologies Co., Ltd.</td> </tr> <tr> <td>Street Address:</td> <td>Huawei Administration Building, Bantian</td> </tr> <tr> <td>Internal Address:</td> <td>Longgang District, Shenzhen</td> </tr> <tr> <td>City:</td> <td>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, Bantian	Internal Address:	Longgang District, Shenzhen	City:	Guangdong	State/Country:	CHINA	Postal Code:	518129
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CORRESPONDENCE DATA													
Fax Number: 9726283616 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> 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													
NAME OF SUBMITTER:	Robert D. McCutcheon												
Total Attachments: 2 source=Assignment#page1.tif source=Assignment#page2.tif													

CH \$40.00 13786230

PATENT

Attorney Docket No. _____
Client Reference No. 83520115U504

ASSIGNMENT

WHEREAS, WE,

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

Zhanbing ZHANG
Huawei Administration Building
Bantian, Longgang District
Shenzhen, 518129, Guangdong
P.R. CHINA;

have invented and own a certain invention entitled:
INTERNET PROTOCOL MULTIMEDIA SUBSYSTEM NETWORK, AND DATA
TRANSMISSION METHOD AND APPARATUS
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
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

PATENT

REEL: 029929 FRAME: 0287

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

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 Mar. 2. 2013

Aiping CHEN
Aiping CHEN

Date Mar. 2. 2013

Yinghua Zhu
Witness

Date Mar. 2. 2013

Feijian Lu
Witness

Date Mar. 2. 2013

Zhanbing ZHANG
Zhanbing ZHANG

Date Mar. 2. 2013

Yinghua Zhu
Witness

Date Mar. 2. 2013

Feijian Lu
Witness