

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>Zexin Liu</td> <td>07/02/2011</td> </tr> <tr> <td>Lei Miao</td> <td>07/02/2011</td> </tr> <tr> <td>Longyin Chen</td> <td>07/02/2011</td> </tr> <tr> <td>Qing Zhang</td> <td>07/02/2011</td> </tr> </tbody> </table>		Name	Execution Date	Zexin Liu	07/02/2011	Lei Miao	07/02/2011	Longyin Chen	07/02/2011	Qing Zhang	07/02/2011
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Zexin Liu	07/02/2011										
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Longyin Chen	07/02/2011										
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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>13172509</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13172509						
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Application Number:	13172509										
CORRESPONDENCE DATA											
Fax Number:	(202)408-4400										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
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ATTORNEY DOCKET NUMBER:	11005.0516										
NAME OF SUBMITTER:	Weiguo Chen										
Total Attachments: 3 source=AssignmentAsFiled#page1.tif source=AssignmentAsFiled#page2.tif source=AssignmentAsFiled#page3.tif											

CH \$40.00 13172509

PATENT

Attorney Docket No. _____
Client Reference No. 0910302US

ASSIGNMENT

WHEREAS, WE,

Zexin LIU
Huawei Administration Building
Bantian, Longgang District
Shenzhen, 518129, Guangdong
P.R. CHINA.and

Lei MIAO
Huawei Administration Building
Bantian, Longgang District
Shenzhen, 518129, Guangdong
P.R. CHINA.and

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

Chen HU
Huawei Administration Building
Bantian, Longgang District
Shenzhen, 518129, Guangdong
P.R. CHINA.and

Herve Marcel Taddei
Mgr.van Steelaan
1A,2273EG ,Voorburg,The
Netherlands.and

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

have invented and own a certain invention entitled:

METHOD AND APPARATUS FOR PROCESSING SIGNAL

for which invention we have executed an application (provisional or non-provisional) for a U.S. patent, which was filed on 29 June 2011, under U.S. Application No. 13172509, 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.

PATENT

REEL: 026875 FRAME: 0522

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 July 2, 2011 Zexin LIU
Zexin LIU

Date July 2, 2011 Zhe WANG
Witness

Date July 2, 2011 Fengyan QI
Witness

Date July 2, 2011 Lei MIAO
Lei MIAO

Date July 2, 2011 Zhe WANG
Witness

Date July 2, 2011 Fengyan QI
Witness

Date July 2, 2011 Longyin CHEN
Longyin CHEN

Date July 2, 2011 Zhe WANG
Witness

Date July 2, 2011 Fengyan QI
Witness

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

Date July 2, 2011

Chen HU
Chen HU

Date July 2, 2011

Du Zhengsheng
Witness

Date July 2, 2011

Li Lixiong
Witness

Date July 2, 2011

Herve Marcel Taddei
Herve Marcel Taddei

Date July 2, 2011

Du Zhengsheng
Witness

Date July 2, 2011

Lisa
Witness

Date July 2, 2011

Qing Zhang
Qing ZHANG

Date July 2, 2011

Du Zhengsheng
Witness

Date July 2, 2011

Li Lixiong
Witness