

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT												
NATURE OF CONVEYANCE:	Corrective Assignment to correct the spelling of the last name for inventor Liming FANG previously recorded on Reel 028282 Frame 0542. Assignor(s) hereby confirms the Liming ZHANG.												
CONVEYING PARTY DATA													
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Cheng LI</td> <td>05/18/2012</td> </tr> <tr> <td>Guozhu LONG</td> <td>05/19/2012</td> </tr> <tr> <td>Jie LV</td> <td>05/18/2012</td> </tr> <tr> <td>Huishen DONG</td> <td>05/21/2012</td> </tr> <tr> <td>Liming FANG</td> <td>05/21/2012</td> </tr> </tbody> </table>		Name	Execution Date	Cheng LI	05/18/2012	Guozhu LONG	05/19/2012	Jie LV	05/18/2012	Huishen DONG	05/21/2012	Liming FANG	05/21/2012
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CORRESPONDENCE DATA													
Fax Number:	3126165700												
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
Phone:	312-616-5600												
Email:	assignments@leydig.com												
Correspondent Name:	Leydig, Voit & Mayer, Ltd.												
Address Line 1:	Two Prudential Plaza, Suite 4900												
Address Line 2:	180 N. Stetson Avenue												
Address Line 4:	Chicago, ILLINOIS 60601-6731												

ATTORNEY DOCKET NUMBER:	HW710360
NAME OF SUBMITTER:	John B. Conklin
Total Attachments: 7 source=RecordationCoverSheet#page1.tif source=Assignment#page1.tif source=Assignment#page2.tif source=Assignment#page3.tif source=Assignment#page4.tif source=Assignment#page5.tif source=Assignment#page6.tif	

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CH \$40.00 13482642

PATENT

REEL: 029065 FRAME: 0861

ASSIGNMENT

WHEREAS, WE,

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

Guozhu LONG
2330 Central Expressway, Santa
Clara, CA 95050 USA; and

Jie LV
Huawei Administration Building
Bantian, Longgang District
Shenzhen, 518129, Guangdong
P.R. CHINA;

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

Liming FANG
2330 Central Expressway, Santa
Clara, CA 95050 USA;

have invented and own a certain invention entitled:

METHOD, DEVICE AND SYSTEM FOR EXTENDING CHANNELS

for which invention we have executed an application (provisional or non-provisional) for a U.S. patent, which was filed on 05/29/12, under U.S. Application No. _____ and

13/482,642

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

In re Appln. of Li et al.
Attorney Docket No. HW710360

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 <u>May. 18, 2012</u>	<u>Cheng LI</u> Cheng LI
Date <u>May. 18. 2012</u>	<u>Junqian SHEN</u> Witness
Date <u>May. 18. 2012</u>	<u>Wei FENG</u> Witness

Date _____	_____
	Guozhu LONG

Date _____	_____
	Witness

Date _____	_____
	Witness

Date _____	_____
	Jie LV

Date _____	_____
	Witness

Date _____	_____
	Witness

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

Date _____
Cheng LI

Date _____
Witness

Date _____
Witness

Date May 19, 2012
[Signature]
Guozhu LONG

Date May 19, 2012
Liwen LONG
Witness

Date May 19, 2012
Chengmi Wu
Witness

Date _____
Jie LV

Date _____
Witness

Date _____
Witness

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Witness

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Witness

=====
Date _____
Guozhu LONG

Date _____
Witness

Date _____
Witness

=====
Date May, 18, 2012
Jie Lv

Date May 18, 2012
Jie Lv
Xiang Wang
Witness

Date May 18, 2012
Witness
Xiang Wang

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=====
Date May 21, 2012 Huishen DONG
Huishen DONG
Date May 21, 2012 Jianhua LIU
Witness
Date May 21, 2012 Fei LI
Witness

=====
Date _____ Liming FANG
Date _____
Witness
Date _____
Witness

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=====
Date _____
Huishen DONG
Date _____
Witness
Date _____
Witness

=====
Date 5/21/2012
Limingfang
Liming FANG
Date 5/21/2012
Sayuan
Witness
Date 5/21/2012
Liowz
Witness