

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Ce YAO	01/24/2013
Yafei ZHAO	01/24/2013
Jianrong XU	01/24/2013
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	
Property Type	Number
Application Number:	13682891
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:	HW711680
NAME OF SUBMITTER:	John B. Conklin
Total Attachments: 2 source=Assignment#page1.tif source=Assignment#page2.tif	

CH \$40.00 13682891

502208118

PATENT
REEL: 029695 FRAME: 0791

ASSIGNMENT

WHEREAS, WE,

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

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

Jianrong XU
Huawei Administration Building
Bantian, Longgang District
Shenzhen, 518129, Guangdong
P.R. CHINA;

have invented and own a certain invention entitled:
DIRECTORY REPLACEMENT METHOD AND DEVICE
for which invention we have executed an application (provisional or non-provisional) for a U.S. patent, which was filed on 21 Nov 2012, under U.S. Application No. 13682891 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 Yao et al.
Attorney Docket No. HW711680

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 24, 2013</u>	<u>Ce YAO</u> Ce YAO
Date <u>Jan 24, 2013</u>	<u>Sheng CHANG</u> Witness
Date <u>Jan 24, 2013</u>	<u>Xiaowei CHU</u> Witness
<hr/>	
Date <u>Jan 24, 2013</u>	<u>Yafei ZHAO</u> Yafei ZHAO
Date <u>Jan 24, 2013</u>	<u>Xianming ZHAO</u> Witness
Date <u>Jan 24, 2013</u>	<u>Feng LI</u> Witness
<hr/>	
Date <u>Jan 24, 2013</u>	<u>Jianrong XU</u> Jianrong XU
Date <u>Jan 24, 2013</u>	<u>Hao CHEN</u> Witness
Date <u>Jan 24, 2013</u>	<u>Gongyi WANG</u> Witness