

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Jun Zhao</td> <td>07/28/2007</td> </tr> <tr> <td>Wei Huang</td> <td>07/28/2007</td> </tr> <tr> <td>Yuntao Wang</td> <td>07/28/2007</td> </tr> <tr> <td>Huafeng Lin</td> <td>07/28/2007</td> </tr> <tr> <td>Guo Wei</td> <td>07/28/2007</td> </tr> </tbody> </table>		Name	Execution Date	Jun Zhao	07/28/2007	Wei Huang	07/28/2007	Yuntao Wang	07/28/2007	Huafeng Lin	07/28/2007	Guo Wei	07/28/2007
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Guo Wei	07/28/2007												
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" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>11779148</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	11779148								
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CORRESPONDENCE DATA													
Fax Number:	(312)616-5700												
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
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ATTORNEY DOCKET NUMBER:	701732												

CH \$40.00 11779148

NAME OF SUBMITTER:

John B. Conklin

Total Attachments: 3

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2791US
0013104US

OP077/070/US

Leydig

PATENT
Attorney Docket No. 701732
Client Reference No. OP0771070/US

Leydig, Voit & Mayer, Ltd.
Two Prudential Plaza, Suite 4900
180 North Stetson Avenue
Chicago, Illinois 60601-6731

ASSIGNMENT

WHEREAS, WE,

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

Wei HUANG
Huawei Administration Building
Bantian, Longgang District
Shenzhen, 518129, Guangdong
P.R. CHINA;

Yuntao WANG
Huawei Administration Building
Bantian, Longgang District
Shenzhen, 518129, Guangdong
P.R. CHINA;

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

Guo WEI
Huawei Administration Building
Bantian, Longgang District
Shenzhen, 518129, Guangdong
P.R. CHINA;

have invented and own a certain invention entitled:

METHOD, SYSTEM AND APPARATUS FOR DETECTING FAILURE OF AN OPTICAL NETWORK TERMINAL OF A PASSIVE OPTICAL NETWORK

for which invention we have executed an application (provisional or non-provisional) for a U.S. patent, which was filed on July 17, 2007, under U.S. Application No. 11/779,148, 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

In re Appln. of Zhao et al.
Attorney Docket No. 701732

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 choses 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>2007.7.28</u>	<u>Jun Zhao</u> Jun ZHAO
Date	<u>2007.7.28</u>	<u>Guo Wei</u> Witness
Date	<u>2007.7.28</u>	<u>Huang Wei</u> Witness

Date	<u>2007.7.28</u>	<u>Huang Wei</u> Wei HUANG
Date	<u>2007.7.28</u>	<u>Guo Wei</u> Witness
Date	<u>2007.7.28</u>	<u>Huafeng Lin</u> Witness

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Date 2007.7.28

Yuntao Wang
Yuntao WANG

Date 2007.7.28

Guo Wei
Witness

Date 2007.7.28

Huang Wei
Witness

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Date 2007.7.28

Huafeng Lin
Huafeng LIN

Date 2007.7.28

Guo Wei
Witness

Date 2007.7.28

Huang Wei
Witness

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Date 2007.7.28

Guo Wei
Guo WEI

Date 2007.7.28

Huang Wei
Witness

Date 2007.7.28

Huafeng Lin
Witness