

# PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
Name	Execution Date
Xin Lv	07/06/2009
Zhenbin Li	07/06/2009
Qingsong Xiao	07/06/2009
Bing Wu	07/06/2009
Guangdong Zhu	07/06/2009
<b>RECEIVING PARTY DATA</b>	
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City:	Shenzhen
State/Country:	CHINA
Postal Code:	518129
<b>PROPERTY NUMBERS Total: 1</b>	
Property Type	Number
Application Number:	12617953
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ATTORNEY DOCKET NUMBER:	21370/0212524-US0
NAME OF SUBMITTER:	Kenneth Ma

OP \$40.00 12617953

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**PATENT**  
**REEL: 023515 FRAME: 0813**

Total Attachments: 5

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**PATENT**

Attorney Docket No.  
Client Reference No. 0711533US

Darby & Darby P.C.  
7 World Trade Center,  
250 Greenwich Street  
New York, N Y 10007-0042

**ASSIGNMENT****WHEREAS, WE,**

Xin LV  
Huawei Administration Building  
Bantian, Longgang District  
Shenzhen, 518129, Guangdong  
P.R. CHINA  
Qingsong XIAO  
Huawei Administration Building  
Bantian, Longgang District  
Shenzhen, 518129, Guangdong  
P.R. CHINA  
Guangdong ZHU  
Huawei Administration Building  
Bantian, Longgang District  
Shenzhen, 518129, Guangdong  
P.R. CHINA

Zhenbin LI  
Huawei Administration Building  
Bantian, Longgang District  
Shenzhen, 518129, Guangdong  
P.R. CHINA  
Bing WU  
Huawei Administration Building  
Bantian, Longgang District  
Shenzhen, 518129, Guangdong  
P.R. CHINA

have invented and own a certain invention entitled:

**METHOD AND DEVICE OF MPLS NETWORK TRAFFIC SWITCHING**

for which invention we have executed an application (provisional or non-provisional) for a U.S. patent, which was filed on \_\_\_\_\_, 2009, 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.

**PATENT****REEL: 023515 FRAME: 0815**

071153305

In re Appln. of Lv et al.  
Attorney Docket No. \_\_\_\_\_

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 6th July 2009

Xin Lv  
Xin LV

Date 6th July 2009

Yuan Yao  
Witness

Date 6th July 2009

Xu Lianda  
Witness

=====

Date \_\_\_\_\_

\_\_\_\_\_  
Zhenbin LI

Date \_\_\_\_\_

\_\_\_\_\_  
Witness

Date \_\_\_\_\_

\_\_\_\_\_  
Witness

04/28/2009 17:40:00

In re Appln. of Lv et al.  
Attorney Docket No. \_\_\_\_\_

**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 \_\_\_\_\_

Xin LV

Date \_\_\_\_\_

Witness

Date \_\_\_\_\_

Witness

=====

Date Jul. 6th, 2009

Zhenbin Li  
Zhenbin Li

Date Jul. 6th, 2009

Tieying Huang  
Witness

Date Jul. 6th 2009

Yu Fan  
Witness



In re Appln. of Lv et al.  
Attorney Docket No. \_\_\_\_\_

Date \_\_\_\_\_

Qingsong XIAO

Date \_\_\_\_\_

Witness

Date \_\_\_\_\_

Witness

Date \_\_\_\_\_

Bing WU

Date \_\_\_\_\_

Witness

Date \_\_\_\_\_

Witness

Date 6th July 2009

Guangdong ZHU  
Guangdong ZHU

Date 6th July 2009

Feng Ke  
Witness

Date 6th July 2009

Cleung Deng  
Witness