

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Mingwei Liu	03/12/2009
Feng Liu	03/13/2009
RECEIVING PARTY DATA	
Name:	Huawei Technologies Co., Ltd.
Street Address:	Huawei Administration Building, Bantian, Longgang District
City:	Guangdong, Shenzhen
State/Country:	CHINA
Postal Code:	518129
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12425069
CORRESPONDENCE DATA	
Fax Number:	(212)527-7701
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
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Email:	ssude@darbylaw.com
Correspondent Name:	Pierre R. Yanney
Address Line 1:	P.O. Box 770 Church Street Station
Address Line 2:	Atty. Dkt.: 21669/0211886-US0
Address Line 4:	New York, NEW YORK 10008-0770
ATTORNEY DOCKET NUMBER:	21669/0211886-US0
NAME OF SUBMITTER:	Stacey E. Sude
<p>Total Attachments: 4 source=Executed Assignment#page1.tif source=Executed Assignment#page2.tif</p>	

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**PATENT
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PATENT

Attorney Docket No. _____
Client Reference No. 0614724US

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

ASSIGNMENT

WHEREAS, WE,

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

LIU, Feng
Huawei Administration Building
Bantian, Longgang District
Shenzhen, 518129, Guangdong
P.R. CHINA;

have invented and own a certain invention entitled:

**METHOD AND DEVICE FOR IMPLEMENTING LINK PASS THROUGH IN
POINT-TO-MULTIPOINT NETWORK**

for which invention we have executed an application (provisional or non-provisional) for a U.S. patent, which was filed on _____, 2008, 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.

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

PATENT

REEL: 022741 FRAME: 0279

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

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 12th, March 2009

LIU, Mingwei
LIU, Mingwei

Date 12th, March 2009

WU, Zhiyuem
Witness

Date 12th, March 2009

ZHAI, Aiting
Witness

=====

Date _____

LIU, Feng

Date _____

Witness

Date _____

Witness

=====

PATENT

Attorney Docket No. _____
 Client Reference No. 0614724US

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

ASSIGNMENT

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

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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.

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REEL: 022741 FRAME: 0281

In re App'n. of LIU et al.
Attorney Docket No. _____

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 _____
LIU, Mingwei

Date _____
Witness

Date _____
Witness

Date 13th March 2009
Liu, Feng
LIU, Feng

Date 13th March 2009
Chen Yun
Witness

Date 13th March 2009
Wang Ji Hui
Witness