

## PATENT ASSIGNMENT

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Stylesheet Version v1.1

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT												
NATURE OF CONVEYANCE:	Corrective Assignment to correct the Serial Number previously recorded on Reel 017538 Frame 0662. Assignor(s) hereby confirms the serial number should appear as: 10/535,858.												
CONVEYING PARTY DATA													
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Hongxing Zhang</td><td>09/26/2005</td></tr><tr><td>Yuxiang Wang</td><td>09/26/2005</td></tr><tr><td>Jianfei He</td><td>09/26/2005</td></tr><tr><td>Zuoxiao Ma</td><td>09/26/2005</td></tr><tr><td>Bo Liang</td><td>09/23/2005</td></tr></tbody></table>		Name	Execution Date	Hongxing Zhang	09/26/2005	Yuxiang Wang	09/26/2005	Jianfei He	09/26/2005	Zuoxiao Ma	09/26/2005	Bo Liang	09/23/2005
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RECEIVING PARTY DATA													
<table border="1"><tr><td>Name:</td><td>HUAWEI TECHNOLOGIES CO., LTD.</td></tr><tr><td>Street Address:</td><td>Intellectual Property Department, Huawei Service Center Building</td></tr><tr><td>Internal Address:</td><td>Kefa Road, Science-Based Industrial Park, Shenzhen</td></tr><tr><td>City:</td><td>Guangdong Province</td></tr><tr><td>State/Country:</td><td>CHINA</td></tr><tr><td>Postal Code:</td><td>P. R. 518057</td></tr></table>		Name:	HUAWEI TECHNOLOGIES CO., LTD.	Street Address:	Intellectual Property Department, Huawei Service Center Building	Internal Address:	Kefa Road, Science-Based Industrial Park, Shenzhen	City:	Guangdong Province	State/Country:	CHINA	Postal Code:	P. R. 518057
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PROPERTY NUMBERS Total: 1													
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>10535858</td></tr></tbody></table>		Property Type	Number	Application Number:	10535858								
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Application Number:	10535858												
CORRESPONDENCE DATA													
Fax Number: (202)756-8087 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
Phone: 202-756-8673													
Email: Jharrison@mwe.com													
Correspondent Name: Washington IP Docketing													
Address Line 1: 600 13th Street, NW													
Address Line 4: Washington, DISTRICT OF COLUMBIA 20005-3096													
ATTORNEY DOCKET NUMBER:	069978-0017												

PATENT

500163188

REEL: 018376 FRAME: 0872

CH \$40.00 10535858

NAME OF SUBMITTER:

Gene Z. Robinson

Total Attachments: 7

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02-09-2006

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PATENTS ONLYFORM PTO-1595  
(Rev. 10/02)

Docket No.: 069978-0017

ET

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

To the Honorable Commissioner for Patents and Trademarks: Please record the attached original documents or copy thereto:

## 1. Name of Conveying Party(ies):

Hongxing ZHANG, Yuxiang WANG, Jianfei HE,  
Zuoxiao MA, Bo LIANGAdditional name(s) of conveying party(ies) attached? ☐ Yes ☐ No

## 3. Nature of Conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other

Execution Date: September 26, 2005, September 26, 2005,  
September 26, 2005, September 26, 2005,  
September 23, 2005 (respectively)

## 2. Name and address of receiving party(ies):

Name: HUAWEI TECHNOLOGIES CO., LTD.  
Address: Intellectual Property Department,  
Huawei Service Center Building  
Kefa Road, Science-Based Industrial Park,  
Shenzhen  
Guangdong Province 518057, P.R. ChinaAdditional name(s) & address(es) attached? ☐ Yes ☐ No

## 4. Application number(s) or patent number(s):

If the document is being filed together with a new application, the execution date of the application is:

## A. Patent Application No(s).

11/535,858, filed May 20, 2005

## B. Patent No(s).

Additional numbers attached? ☐ Yes ☐ No5. Name and address of party to whom correspondence  
concerning document should be mailed:

Name: MCDERMOTT WILL &amp; EMERY LLP

Internal Address:

Street Address: 600 13th Street, N.W.

City: Washington State: D. C. Zip: 20005-3096

## 6. Total number of applications and patents involved: 1

## 7. Total fee (37 CFR 3.41)

\$40.00

- ☐ Enclosed  
☒ Authorized to be charged to deposit account

## 8. Deposit account number:

500417

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## 9. Statement and signature.

*To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy  
of the original document.*

Gene Z. Rubinson, 33,351

February 3, 2006

Name and Registration No. of Person Signing

Signature

Date

Total number of pages including cover sheet: 5

OMB No. 0651-0027 (exp. 6/30/2005)

02/08/2006 DBYRNE 00000127 500417 11535850

01 FC:8021

(40.00 DA)

PATENT  
REEL: 018376 FRAME: 0874

Docket No.: 069978-0017

# ASSIGNMENT

In consideration of the premises and other good and valuable consideration in hand paid, the receipt and sufficiency of which is hereby acknowledged, the undersigned,

(1) <u>Hongxing ZHANG</u>	(4) <u>Zuoxiao MA</u>
(2) <u>Yuxiang WANG</u>	(5) <u>Bo LIANG</u>
(3) <u>Jianfei HE</u>	(6) _____

who have made a certain new and useful invention, hereby sell, assign and transfer unto

HUAWEI TECHNOLOGIES CO., LTD.  
Intellectual Property Department, Huawei Service Center Building  
Kefa Road, Science-Based Industrial Park, Shenzhen  
Guangdong Province 518057, P.R. China

its successors and assigns (hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100 in the invention entitled

METHOD FOR IMPLEMENTING LINK STATE PASSING-THROUGH IN NETWORK

(a) for which an application for United States Letters Patent was filed on May 20, 2005, and identified by United States Application No. 10/535,858; or

(b) for which an application for United States Letters Patent was executed on ,

and the undersigned hereby authorize and request the United States Commissioner for Patents and Trademarks to issue any and all United States Letters Patent which may be granted therefor and any and all extensions, divisions, reissues, substitutes, renewals, continuations, or continuations-in-part thereof, and the right to all benefits under the International Convention for the Protection of Industrial Property to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agree that the attorneys of record in said application shall hereafter act on behalf of said ASSIGNEE;

AND the undersigned hereby agree to transfer a like interest, and to render all necessary assistance in making application for and obtaining original, divisional, reissued or extended Letters Patent of the United States, upon request of the said ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, in and to any improvements, and applications for patent based thereon, growing out of or related to the said invention; and to execute any papers by the said ASSIGNEE, its successors, assigns and legal representatives, deemed essential to ASSIGNEE's full protection and title in and to the invention hereby transferred.

PATENT

REEL: 018376 FRAME: 0875

SIGNED on the dates indicated aside our signatures:

	INVENTORS	DATE SIGNED
1)	Name: Hongxing ZHANG	
2)	Name: Yuxiang WANG	
3)	Name: Jianfei HE	
4)	Name: Zuoxiao MA	
5)	<u>Bo LIANG</u> Name: Bo LIANG	<u>2005/09/23</u>

Docket No.: 069978-0017

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**PATENT**

**REEL: 018376 FRAME: 0877**

SIGNED on the dates indicated aside our signatures:

	INVENTORS	DATE SIGNED
1)	<u>Hong Xing ZHANG</u> Name: Hongxing ZHANG	<u>2005.9.26</u>
2)	<u>Yuxiang WANG</u> Name: Yuxiang WANG	<u>2005.9.26</u>
3)	<u>Jianfei HE</u> Name: Jianfei HE	<u>2005.9.26</u>
4)	<u>Zuoxiao MA</u> Name: Zuoxiao MA	<u>2005.9.26</u>
5)	<u>Bo LIANG</u> Name: Bo LIANG	