

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT						
NATURE OF CONVEYANCE:	ASSIGNMENT						
CONVEYING PARTY DATA							
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Qi Ao</td><td>03/10/2005</td></tr><tr><td>Liang Liu</td><td>03/10/2005</td></tr></tbody></table>		Name	Execution Date	Qi Ao	03/10/2005	Liang Liu	03/10/2005
Name	Execution Date						
Qi Ao	03/10/2005						
Liang Liu	03/10/2005						
RECEIVING PARTY DATA							
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City:	Shenzhen						
State/Country:	CHINA						
Postal Code:	518057						
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>11082928</td></tr></tbody></table>		Property Type	Number	Application Number:	11082928		
Property Type	Number						
Application Number:	11082928						
CORRESPONDENCE DATA							
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Total Attachments: 2 source=Assignment#page1.tif source=Assignment#page2.tif							

CH 11082928 \$40.00

ASSIGNMENT

Atty. Docket No.9896-000060/CC

WHEREAS, the undersigned, hereinafter referred to collectively as Assignor, has invented:

THE METHOD FOR ROUTE DISTRIBUTION IN MULTI-SERVICE OPTIMIZATION OF SDH TRANSMISSION NETWORK

for which Assignor is about to make or has made United States or International application for patent

- (a) ☒ executed on even date preparatory to filing (each inventor should sign this Assignment on the same day as he/she signs the Declaration and Power of Attorney);
- (b) ☐ executed on _____, _____, _____;
- (c) ☐ filed on _____, and assigned Serial No. _____ or PCT International Application No. _____;
- (d) ☐ U.S. Patent No. _____, issued _____; or
- (e) ☐ entitled above and naming the undersigned inventors in this provisional patent application; and

WHEREAS, HUAWEI TECHNOLOGIES CO., LTD., hereinafter referred to as Assignee, is desirous of acquiring an interest therein:

NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy whereof is hereby acknowledged, Assignor by these presents does sell, assign and transfer unto Assignee and its successors in interest, the full and exclusive right, title and interest in the United States of America and all foreign countries, including the right to claim priority under the laws of the United States, the Paris Convention, and any foreign countries, to the said invention as described in the aforesaid application, said application for patent and all Letters Patent therefor to be held and enjoyed by Assignee to the full end of the term for which said Letters Patent are granted and any extensions thereof as fully and entirely as the same would have been held by Assignor had this assignment and sale not been made, and the right to recover for past infringements of, or liabilities for, any of the rights relating to any of said applications or patents resulting therefrom;

Assignor hereby covenants and agrees to execute all instruments or documents required or requested for the making and prosecution of any applications of any type for patent in the United States and in all foreign countries including, but not limited to, any provisional, continuation, continuation-in-part, divisional, renewal or substitute thereof, and as to letters patent any reissue, re-examination, or extension thereof, and for litigation regarding, or for the purpose of protecting title and to the said invention, the United States application for patent, or Letters Patent therefor, and to testify in support thereof, for the benefit of Assignee without further or other compensation than that above set forth;

Assignor hereby covenants that no assignment, sale or agreement or encumbrance has been or will be entered into which would conflict with this Assignment; and

Assignor hereby requests the Commissioner of Patents and Trademarks to issue said Letters Patent of the United States of America to Assignee, and requests that any official of any country or countries foreign to the United States, whose duty it is to issue or grant patents and applications as aforesaid, to issue said Letters Patent, Utility Model Registration or Inventor's Certificate to Assignee.

Assignor hereby authorizes my attorney to insert here in parentheses (Application No. _____, filed _____) the filing date and application number of said application when known.

ASSIGNMENT

 Ao, Qi
First Inventor

 March 10, 2005
Dated

 Liu Liang
Second Inventor

 March 10, 2005
Dated

Third Inventor

Dated

Fourth Inventor

Dated

Fifth Inventor

Dated

Sixth Inventor

Dated

 Shuren Jiang
First Witness

 Xie Jiayan
Second Witness

 Shuren Jiang
First Witness

 Xie Jiayan
Second Witness

First Witness

Second Witness

First Witness

Second Witness

First Witness

Second Witness

First Witness

Second Witness