

# PATENT ASSIGNMENT

Electronic Version v1.1

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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 style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Jinhua LIU</td> <td>11/21/2006</td> </tr> <tr> <td>Hai WANG</td> <td>11/21/2006</td> </tr> <tr> <td>Rong HU</td> <td>11/21/2006</td> </tr> </tbody> </table>		Name	Execution Date	Jinhua LIU	11/21/2006	Hai WANG	11/21/2006	Rong HU	11/21/2006
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<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>TELEFONAKTIEBOLAGET LM ERICSSON</td> </tr> <tr> <td>Street Address:</td> <td>S-164 83</td> </tr> <tr> <td>City:</td> <td>Stockholm</td> </tr> <tr> <td>State/Country:</td> <td>SWEDEN</td> </tr> </table>		Name:	TELEFONAKTIEBOLAGET LM ERICSSON	Street Address:	S-164 83	City:	Stockholm	State/Country:	SWEDEN
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PROPERTY NUMBERS Total: 1									
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CORRESPONDENCE DATA									
<p>Fax Number: (703)816-4100</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 703-816-4000</p> <p>Email: teh@nixonvan.com</p> <p>Correspondent Name: NIXON &amp; VANDERHYE, PC</p> <p>Address Line 1: 901 NORTH GLEBE ROAD, 11TH FLOOR</p> <p>Address Line 4: ARLINGTON, VIRGINIA 22203</p>									
ATTORNEY DOCKET NUMBER:	2380-1331								
NAME OF SUBMITTER:	H. Warren Burnam, Jr.								
<p>Total Attachments: 5</p> <p>source=Assignment#page1.tif</p> <p>source=Assignment#page2.tif</p> <p>source=Assignment#page3.tif</p>									

OP \$40.00 12513952

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**PATENT**  
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ASSIGNMENT  
(Joint)

THIS ASSIGNMENT, by  
Jinhua Liu  
Hai Wang  
Rong Hu

(hereinafter referred to as "the Assignors") residing at

9A, Hanwei Plaza No 7, Guanghua Road, Chaoyang District, 100004 Beijing P.R.C.  
China  
Room 1211, Building 1, yard 1, Jiao Tong Da Xue Road, Haidian District, 100044  
Beijing, China  
Room 204, Unit 3, Jiang Fu Jia Yuan Bei Li 124, Jian Tai Xia Chaoyang District,  
100016 Beijing, China

respectively, witnesseth:

WHEREAS, the Assignors have invented certain new and useful  
improvements in

**METHOD AND ARRANGEMENT FOR EFFICIENTLY UTILIZING RADIO RESOURCES  
IN A COMMUNICATION SYSTEM**

said invention being based on PCT application no. **PCT/SE2006/050490** filed on **2006-11-20** (I hereby authorize and request ASSIGNEE's Attorneys to insert the serial number and filing date of said application, when known.)

WHEREAS, Telefonaktiebolaget LM Ericsson (publ), a corporation duly organized under and pursuant to the laws of Sweden and having its principal place of business at S-164 83 STOCKHOLM SWEDEN, (hereinafter referred to as "the Assignee") is desirous of acquiring the entire right, title and interest in and to said inventions.

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, the Assignors have sold, assigned, transferred, and set over, and by these presents do sell, assign, transfer, and set over, unto the Assignee, its successors, legal representatives, and assigns the entire right, title, and interest in and to the above-mentioned inventions, application for Letters Patent, and any and all Letters Patent or Patents of the United States of America that may be granted therefor and thereon, and in and to any and all divisions, continuations, and continuations-in-part of said application, and reissues and extensions of said Letters Patent or Patents, the same to be held and enjoyed by the Assignee, for its use and behoof and the use and the behoof of its successors, legal representatives, and

## ASSIGNMENT (Joint)

assigns, to the full end of the term or terms for which Letters Patent and Patents may be granted as fully and entirely as the same would have been held and enjoyed by the Assignors had this sale and assignment not been made;

AND for the same consideration, the Assignors hereby covenant and agree to and with the Assignee, its successors, legal representatives, and assigns, that, at the time of execution and delivery these presents, the Assignors are the sole and lawful owners of the entire right, title, and interest in and to the inventions and application for Letters Patent above-mentioned, and that the same are uncumbered, and that the Assignors have good

and full right and lawful authority to sell and convey the same in the manner herein set forth;

AND for the same consideration, the Assignors hereby covenant and agree to and with the Assignee, its successors, legal representatives, and assigns that the Assignors will, whenever counsel of the Assignee, or the counsel of its successors, legal representatives, and assigns, shall advise that any proceeding in connection with said inventions or said application for Letters Patent, or any proceeding in connection with Letters Patent for said inventions in any country, including interference proceedings, is lawful and desirable, or that any division, continuation, continuation-in-part of any application for Letters Patent, or any reissue or extension of any Letters Patent to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement, and defense of Letters Patent for said inventions, without charge to Assignee, its successors, legal representatives, and assigns, but at the cost and expense of the Assignee, its successors, legal representatives, and assigns;

AND the Assignors hereby request that said Letters Patent or Patent be issued to Assignee as the Assignee of said inventions, the Letters Patent or Patent to be issued for the sole use and behoof of the Assignee, its successors, legal representatives, and assigns.

ASSIGNMENT  
(Joint)

Date 2006.11.21 Signature of Assignor Liu Jinhua  
Jinhua Liu


Date 2006.11.21 Witnessed by Zhang Zhang  
Name: Zhang Zhang

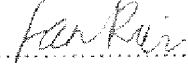
Address: 9A, Hanwei Plaza No 7, Guanghua Road, Chaoyang  
District, 100004 Beijing P.R.C, China

Date 2006.11.21 Witnessed by Liao Jingyi  
Name: Liao Jingyi

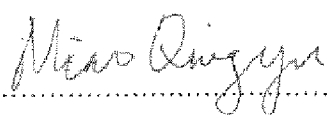
Address: 9A, Hanwei Plaza No 7, Guanghua Road, Chaoyang  
District, 100004 Beijing P.R.C, China

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Date 2006-11-21 Signature of Assignor   
Hai Wang

Date 2006-11-21 Witnessed by   
Name: Fan Rui

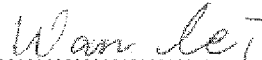
Address: 9A, Hanwei Plaza No 7, Guanghua Road, Chaoyang  
District, 100004 Beijing P.R.C, China

Date 2006-11-21 Witnessed by   
Name: Miao Qingyu

Address: 9A, Hanwei Plaza No 7, Guanghua Road, Chaoyang  
District, 100004 Beijing P.R.C, China

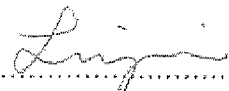
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(Joint)

Date 2006.11.21 Signature of Assignor   
Rong Hu

Date 2006.11.21 Witnessed by 

Name: Wan Lei

Address: 9A, Hanwei Plaza No 7, Guanghua Road, Chaoyang  
District, 100004 Beijing P.R.C, China

Date 2006.11.21 Witnessed by 

Name: Liu Yin

Address: 9A, Hanwei Plaza No 7, Guanghua Road, Chaoyang  
District, 100004 Beijing P.R.C, China