

## 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>Jiansong GAN</td> <td>07/04/2008</td> </tr> <tr> <td>Qingyu MIAO</td> <td>07/04/2008</td> </tr> <tr> <td>Peter LARSSON</td> <td>07/21/2008</td> </tr> </tbody> </table>		Name	Execution Date	Jiansong GAN	07/04/2008	Qingyu MIAO	07/04/2008	Peter LARSSON	07/21/2008		
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RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>Telefonaktiebolaget LM Ericsson (PUBL)</td> </tr> <tr> <td>Street Address:</td> <td>Torshamnsgaten 23</td> </tr> <tr> <td>City:</td> <td>Stockholm</td> </tr> <tr> <td>State/Country:</td> <td>SWEDEN</td> </tr> <tr> <td>Postal Code:</td> <td>S-164 83</td> </tr> </table>		Name:	Telefonaktiebolaget LM Ericsson (PUBL)	Street Address:	Torshamnsgaten 23	City:	Stockholm	State/Country:	SWEDEN	Postal Code:	S-164 83
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CORRESPONDENCE DATA											
<p>Fax Number:</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Email: ILS@nixonvan.com</p> <p>Correspondent Name: Nixon &amp; Vanderhye P.C.</p> <p>Address Line 1: 901 N. Glebe Road</p> <p>Address Line 2: Suite 1100</p> <p>Address Line 4: Arlington, VIRGINIA 22203</p>											
ATTORNEY DOCKET NUMBER:	2380-1551										
NAME OF SUBMITTER:	H. Warren Burnam, Jr.										
Signature:	/H. Warren Burnam, Jr./										
Date:	08/28/2013										

OP \$40.00 12992322

Total Attachments: 5

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## ASSIGNMENT

THIS ASSIGNMENT, by  
**Jiansong Gan**  
**Qingyu Miao**  
**Peter Larsson**

(hereinafter referred to as "the Assignor(s)") residing at  
Room 2-101, Building 7 ,100085 BEIJING ,China  
room 2-302 building 611 ,100012 BEIJING ,China  
Ballonggatan 2, 1tr ,169 71 SOLNA ,Sweden

respectively, witnesseth:

WHEREAS, the Assignor(s) have invented certain new and useful improvements in

### **ADAPTATION BY AN INTERMEDIATE DEVICE IN A MULTI-HOP SYSTEM**

said invention being based on PCT application No. PCT/EP2008/058715 filed on **July 4, 2008**

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 Assignor(s) 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 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 Assignor(s) had this sale and assignment not been made;

AND for the same consideration, the Assignor(s) 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 Assignor(s) 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 Assignor(s) have good and full right and lawful authority to sell and convey the same in the manner herein set forth;

## ASSIGNMENT

AND for the same consideration, the Assignor(s) hereby covenant and agree to and with the Assignee, its successors, legal representatives, and assigns that the Assignor(s) 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 Assignor(s) 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

Date 2008-07-04 Signature of Assignor Gan Jiansong  
Jiansong Gan

Date 2008-07-04 Witnessed by Song Xinghua

Name: Song Xinghua

Address: - Ericsson Tower, -----

- No. 5 Lize East Street, -----

- Beijing 100102, P.R. China-----

Date 2008-07-04 Witnessed by Zhang Ruiqi

Name: Zhang Ruiqi

Address: - Ericsson Tower, -----

- No. 5 Lize East Street, -----

- Beijing 100102, P.R. China-----

ASSIGNMENT

Date 2008-07-04 Signature of Assignor Miao Qingyu  
Qingyu Miao

Date 2008-07-04 Witnessed by Zhang Ruiqi

Name: Zhang Ruiqi

Address: - Ericsson Tower, -----

- No. 5 Lize East Street, -----

- Beijing 100102, P.R. China-----

Date 2008-07-04 Witnessed by Jin hui Du

Name: Jin hui Du

Address: - Ericsson Tower, -----

- No. 5 Lize East Street, -----

- Beijing 100102, P.R. China-----

ASSIGNMENT

Date 2/17-2008 Signature of Assignor Peter Larsson  
Peter Larsson

Date 2/17-08 Witnessed by LL off  
Name: Andreas Höglund  
Address: Alstämmsg. 324  
112 47 Stockholm

Date 2/17 - 2008 Witnessed by Magnus Almqvist  
Name: Magnus Almqvist  
Address: Viktorien 1  
191 43 Sollentuna