

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>07/04/2012</td> </tr> <tr> <td>Yin Liu</td> <td>07/04/2012</td> </tr> <tr> <td>Zhang Zhang</td> <td>07/04/2012</td> </tr> </tbody> </table>		Name	Execution Date	Jiansong Gan	07/04/2012	Yin Liu	07/04/2012	Zhang Zhang	07/04/2012
Name	Execution Date								
Jiansong Gan	07/04/2012								
Yin Liu	07/04/2012								
Zhang Zhang	07/04/2012								
RECEIVING PARTY DATA									
Name:	Ericsson (China) Communications Co. Ltd								
Street Address:	Ericsson Tower No. 5 Lize East Street								
Internal Address:	Chaoyang District								
City:	Beijing								
State/Country:	CHINA								
Postal Code:	100102								
PROPERTY NUMBERS Total: 1									
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>PCT Number:</td> <td>CN2010000067</td> </tr> </tbody> </table>		Property Type	Number	PCT Number:	CN2010000067				
Property Type	Number								
PCT Number:	CN2010000067								
CORRESPONDENCE DATA									
Fax Number:	(972)583-7864								
Phone:	972-583-4795								
Email:	kathryn.lopez@ericsson.com								
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>									
Correspondent Name:	Steven Smith								
Address Line 1:	6300 Legacy Drive								
Address Line 2:	MS EVR 1C11								
Address Line 4:	Plano, TEXAS 75024								
ATTORNEY DOCKET NUMBER:	P29943-CN1								
NAME OF SUBMITTER:	Steve Smith								

CH \$40.00 CN2010000067

Total Attachments: 6

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CHINA NATIONAL STAGE ASSIGNMENT

This Assignment is made by:

GAN, Jiansong

**Room 2-101, Building 7
100192 BEIJING
China**

LIU, Yin

**Ericsson Tower, No. 5 Lize East Street
100102 BEIJING
China**

ZHANG, Zhang

**Guo Zhan Xin Zuo apartment
100028 BEIJING
China**

This Assignment is made by Telefonaktiebolaget L M 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 "Assignor") in favor, and for the benefit and behoof of, Ericsson (China) Communications Co. Ltd, a corporation duly organized under and pursuant to the laws of the People's Republic of China and having its principal place of business at Ericsson Tower No. 5 Lize East Street, Chaoyang District, Beijing 100102 P.R. China (hereinafter referred to as "Assignee").

For good, sufficient and adequate consideration, the receipt of which is hereby acknowledged, the Assignor has sold, assigned, transferred, and set over, and by these presents, and do hereby 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 application(s) for Letters Patent, and any and all Letters Patent or Patents that may be granted therefor and thereon, solely in the People's Republic of China, and in and to any and all divisions, continuations, and continuations-in-part of said application(s), 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 had this sale and assignment not been made:

RADIO RESOURCE ALLOCATION IN SYSTEMS COMPRISING RELAYS

including, but not limited to, the application(s) for Letters Patent filed in:

Country Code	Application Number(s)	Filing Date(s)
WO	PCT/CN2010/000067	2010-01-15

Assignor hereby authorizes and requests Assignee's Attorneys to insert the serial number and filing date of said application(s) for Letters Patent, when known. Assignor hereby request that said Letters Patent or Patent be issued to Assignee as the Assignee of said Letters Patent or Patent to be issued for the sole use and behoof of the Assignee, its

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successors, legal representatives, and assigns. Assignee alone hereinafter possesses entire ownership to any Chinese domestic patents granted thereafter. The rights granted hereunder shall include all rights to institute legal actions, obtain remedies and recover and retain damages in respect to said Letters Patent or Patent.

To the extent Assignee is entitled to receive the rights hereunder pursuant to this Assignment, Assignor hereby covenants and agrees to and with the Assignee, its successors, legal representatives, and assigns, that, at the time of execution and delivery these presents, the Assignor was the sole and lawful owner of the entire right, title, and interest in and to the application(s) for Letters Patent above-mentioned, and that the same are unencumbered, and that the Assignor has good and full right and lawful authority to sell and convey the same in the manner herein set forth.

Further, and for the same consideration, the Assignor hereby covenants and agrees to and with the Assignee, its successors, legal representatives, and assigns that the Assignor 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 application(s) for Letters Patent, or any proceeding in connection with Letters Patent for said inventions, in the People's Republic of China, including interference proceedings, is lawful and desirable, or that any division, continuation, continuation-in-part of any application(s) 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. If the Assignor is prevented by any obstacles from signing said documents in person, this Assignment shall be valid as a Power of Attorney for the Assignee to sign these documents on behalf of any such Assignor.

This Assignment shall be governed by and construed under, and any dispute, controversy or claim related hereto shall be decided in accordance with, the laws of the People's Republic of China, without regard to the conflicts of laws provisions thereof. Any dispute, controversy or claim arising under, out of or relating to this Assignment and any subsequent amendments of this Assignment, including, without limitation, its formation, validity, binding effect, interpretation, performance, breach or termination, as well as non-contractual claims, shall be referred to and finally determined by arbitration in accordance with the WIPO Arbitration Rules. The arbitral tribunal shall consist of a sole arbitrator. The place of arbitration shall be in the country of the inventor's residence. The language to be used in the arbitral proceedings shall be English.

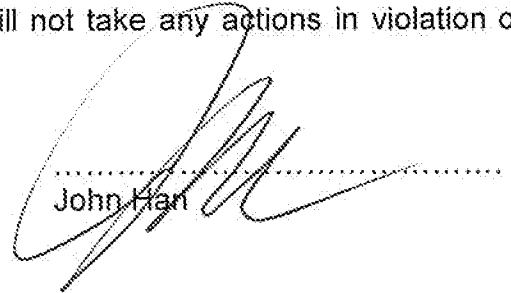
No modifications shall be made to this Assignment unless in writing and signed by each of the Assignor and Assignee. If any of the provisions of this Assignment shall be deemed invalid or unenforceable, then the entire Assignment shall be construed as if not containing the particular invalid or unenforceable provision or provisions, and the rights and obligations of Assignee and Assignor shall be construed and enforced accordingly. Assignee's failure to exercise any option made available as a result hereof, shall not be construed as a waiver of such provisions, rights, or options, or affect the validity of this

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Assignment. Assignor covenants and agrees that it will not take any actions in violation of this Assignment.

Date July 10, 2012

Signature of Assignor


.....
John Han

CHINA NATIONAL STAGE ASSIGNMENT

Date 2012-07-04

Signature of Assignor

Gan Jiansong
GAN, Jiansong

Date 2012-7-4

Witnessed by

Liu Jinhua
Liu Jinhua

Name:

Address:

...Ericsson Tower, No.5 Lize East...
..... Street, Chaoyang District.
..... Beijing 100102, P.R.China.....

Date 2012-7-4

Witnessed by

Qian Yu
Qian Yu

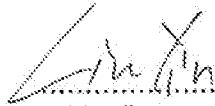
Name:


Address:

...Ericsson Tower, No.5 Lize East...
..... Street, Chaoyang District.
..... Beijing 100102, P.R.China.....

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Title: RADIO RESOURCE ALLOCATION IN SYSTEMS COMPRISING RELAYS

Date 2012.7.4 Signature of Assignor 
LIU, Yin

Date 2012.7.6 Witnessed by 
Name: Lu Qianxi
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Date 2012.7.4 Witnessed by 
Name: Qian Yin
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100102, P.R.China

CHINA NATIONAL STAGE ASSIGNMENT

Title: RADIO RESOURCE ALLOCATION IN SYSTEMS COMPRISING RELAYS

Date 2012.7.4 Signature of Assignor Zhang Zhang
ZHANG, Zhang

Date 2012.7.6 Witnessed by Lu Qian
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Name: Qian Yi
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