

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
Name	Execution Date
Lei Wan	07/08/2007
<b>RECEIVING PARTY DATA</b>	
Name:	Telefonaktiebolaget LM Ericsson (publ)
Street Address:	SE-164 83
City:	Stockholm
State/Country:	SWEDEN
Postal Code:	SE-164
<b>PROPERTY NUMBERS Total: 1</b>	
Property Type	Number
Application Number:	12093295
<b>CORRESPONDENCE DATA</b>	
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ATTORNEY DOCKET NUMBER:	P20973-US1
NAME OF SUBMITTER:	Thomas Bethea
<b>Total Attachments: 3</b> source=P20973-US1_2008-07-08_Executed_Assignment_Letter#page1.tif source=P20973-US1_2008-07-08_Executed_Assignment_Letter#page2.tif source=P20973-US1_2008-07-08_Executed_Assignment_Letter#page3.tif	

CH \$40.00 12093295



P 20973

# ASSIGNMENT

THIS ASSIGNMENT, by  
**Lei Wan**  
**Magnus Almgren**

(hereinafter referred to as "the Assignor(s)") residing at  
No. 703, Building 4 ,100080 BEIJING ,China  
Viktoriavägen 1 ,191 43 SOLLENTUNA ,Sweden

respectively, witnesseth:

WHEREAS, the Assignor(s) have invented certain new and useful improvements in  
**Frequency domain power on/off control in OFDM system based on the normalized information**

said invention being based on PCT application no.PCT/SE2005/001681 filed on **2005-11-09** (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 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 unencumbered, 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 2008-07-08 Signature of Assignor Wan lei  
Lei Wan

Date 2008-07-08 Witnessed by Zhang Wen ting

Name: Zhang Wen ting

Address: Ericsson Tower, No.5 Gao East Str

Chao Yang District

Beijing China

Date 2008.07.08 Witnessed by Liu Yin

Name: Liu Yin

Address: Ericsson Tower, No.5

Lize East street, Chao-yang

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