

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
ERICSSON INC.	11/19/2004
RECEIVING PARTY DATA	
Name:	TELEFONAKTIEBOLAGET LM ERICSSON (publ)
Street Address:	TORSHAMNSGATAN 23
City:	STOCKHOLM
State/Country:	SWEDEN
Postal Code:	SE-164 83
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	10889641
CORRESPONDENCE DATA	
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<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
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Address Line 1:	1400 CRESCENT GREEN
Address Line 2:	SUITE 300
Address Line 4:	CARY, NORTH CAROLINA 27511
NAME OF SUBMITTER:	DAVID E. BENNETT
Total Attachments: 1	
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CH \$40.00 10889641

P18508US1

ASSIGNMENT

WHEREAS, Ericsson Inc., a corporation organized and existing under the laws of the state of Delaware with its principal offices at 6300 Legacy, Plano, Texas 757024, United States of America, and a local office at 7001 Development Drive, Research Triangle Park, North Carolina 27709, USA (hereinafter referred to as ASSIGNOR), is the owner of all right, title and interest in and to the invention entitled:

An Efficient Method of Implementing Equalizers in Multiple-Antenna Wireless Receivers

(the "invention" as described in U.S. Patent Application No. 10/889641, filed on July 12, 2004 in the U.S. Patent and Trademark Office); and

WHEREAS, Telefonaktiebolaget LM Ericsson (publ), reg. No. 556016-0680, a limited liability company duly incorporated under the laws of Sweden, having a place of business at Torshamnsgatan 23, SE-164 83 Stockholm, Sweden (hereinafter referred to as ASSIGNEE), is desirous of acquiring the entire right, title and interest in and to the Inventions and to any letters patent in regard to the Inventions listed above that may be and that have been granted therefor in all countries throughout the world;

NOW, THEREFORE, for and in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the ASSIGNOR hereby sells, transfers, assigns, and sets over to the ASSIGNEE, and to its successors, assigns, and legal representatives, the entire right, title and interest in and to the Inventions, for the entire world, including (without limitation) the United States and all foreign countries, and to all Letters Patent, divisions, continuations, continuations-in-part, substitutions, reissues, reexaminations, and extensions to be obtained therefore, and in and to all rights of priority resulting from the filing of applications for such Inventions, together with the right to sue and recover for, and the right to profits or damages due or accrued arising out of or in connection with, any and all past, present or future infringement of the Inventions. The ASSIGNOR agrees to cooperate with the ASSIGNEE in obtaining and sustaining any or all Letters Patent, but at the expense of the ASSIGNEE. The Commissioner of Patents is hereby authorized and requested to issue any and all Letters Patent on such Inventions solely, in accordance with this Assignment, to the ASSIGNEE, its successors, legal representatives and assigns as the ASSIGNEE of the entire rights, title and interest therein.

IN WITNESS WHEREOF, the ASSIGNOR has executed this Assignment on the date(s) written below.

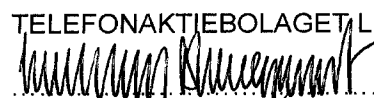
Date: November 19, 2004

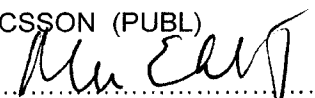
ASSIGNOR: ERICSSON INC.


Tage Lövgren

Authorized to sign on behalf of Ericsson Inc. by separate authorization

ASSIGNEE: TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)


Carl Olof Blomqvist
Senior Vice President
and General Counsel


Mats Ekelöf
Vice President
Intellectual Property