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Form PTO-1595
(Rev. 10/02)

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PATENTS

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12.21.04

Attorney's Docket No. 0110-019

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Jacobus C. HAARTSEN
Magnus H. HANSSON

Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies)

Name: Telefonaktiebolaget LM Ericsson (publ)

Address: _____

SE 164 83 Stockholm, SWEDEN

Additional name(s) & address(es) attached? Yes No

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other _____

Execution Date: Oct. 20, 2004; Oct. 20, 2004

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: _____

A. Patent Application No.(s) _____
10/929,452

B. Patent No.(s) _____

Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Kenneth B. Leffler

Address: _____

Potomac Patent Group PLLC
P.O. Box 855
McLean, Virginia 22101-0855

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41) \$ 40

- Enclosed
- Authorized to be charged to deposit account

8. Deposit account number: _____

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9. Signature.

Kenneth B. Leffler, Reg. No. 36,075

Name of Person Signing

Signature

December 20, 2004

Date

Total number of pages including cover sheet, attachments, and documents: 3

Mail documents to be recorded with required cover sheet information to:

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Washington, D.C. 20231

12/22/2004 GTDN11 00000133 10929452

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40.00 DP

PATENT
REEL: 016085 FRAME: 0806

ASSIGNMENT

THIS ASSIGNMENT, by Jacobus C. HAARTSEN and Magnus H. HANSSON, residing at Bruchterweg 81, NL-7772 BG, Hardenberg, THE NETHERLANDS and Svanevägen 11, SE-212 23, Malmö, SWEDEN (hereinafter referred to as "the Assignors," respectively witnesseth:

WHEREAS, the Assignors have invented certain new and useful improvements in PROVIDING ROBUSTNESS IN FADING RADIO CHANNELS set forth in an application for Letters Patent of the United States, which is:

- a provisional application
 bearing Application No. _____, and filed on _____;
 to be filed herewith; or
- a non-provisional application
 bearing Application No. 10/929,452, and filed on August 31, 2004;
 having a declaration executed on even date herewith prior to filing of the application; or
 having an oath or declaration executed on a date other than the date of execution of this Assignment; and

WHEREAS, Telefonaktiebolaget LM Ericsson (publ), a corporation duly organized under and pursuant to the laws of Sweden and having a principal place of business at SE-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, the right to file applications on said inventions and the entire right, title and interest in and to any applications, including provisional and non-provisional applications for Letters Patent of the United States or other countries claiming priority to said application, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon.

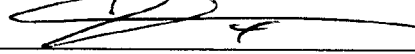
NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, the Assignors have sold, assigned, transferred, and set over, and by these presents do sell, assign, transfer, and set over, unto the Assignee, its successors,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

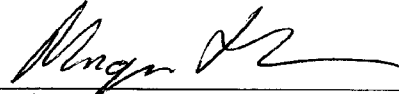
representatives, and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted as fully and entirely as the same would have been held and enjoyed by the Assignors had this sale and assignment not been made;

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 of these presents, the Assignors are the sole and lawful owners of the entire right, title, and interest in and to the inventions set forth in said applications and said applications, including provisional applications, above-mentioned, and that the same are unencumbered, 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 applications for Letters Patent or Patents, or any proceeding in connection with Letters Patent or Patents for said inventions in any country, including interference proceedings, is lawful and desirable, or that any application claiming priority to said application, division, continuation, or continuation-in-part of any applications for Letters Patent or Patents, or any reissue or extension of any Letters Patent or Patents 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 or Patents for said inventions, without charge to the 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 the Commissioner of Patents issue any and all said Letters Patent of the United States to the Assignee as the Assignee of said inventions, the Letters Patent to be issued for the sole use and behalf of the Assignee, its successors, legal representatives, and assigns.

Date Oct 20, 2004 Signature of Assignor 
Jacobus C. HAARTSEN

Date Oct 20, 2004 Signature of Assignor 
Magnus H. HANSSON