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FORM PTO-1495
(Rev. 6/93)

100961111

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

ST

Attorney's Docket No. 000515-091

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

1. Name of conveying party(ies):

Olle HEDMAN
Håkan GRÉNARÖAdditional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

3-3-97

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name

Other: _____

Execution Date: 3/3/97

2. Name and address of receiving party(ies):

Name: Telefonaktiebolaget LM Ericsson

Address: S-126 25 Stockholm
SWEDENAdditional name(s) & address(es) attached? ☐ Yes ☒ No

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: 3/3/97

A. Patent Application No.(s)

B. Patent No.(s)

08/810276

Additional numbers attached? ☐ Yes ☒ No

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

Name: Ronald L. Grudziecki, Esq.

Address: Burns, Doane, Swecker & Matulis, L.L.P.

Post Office Box 1404

Alexandria, Virginia 22313-1404

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41): \$40.00

☐ Enclosed☒ Authorized to be charged to deposit account

8. Deposit account number:

02 4800

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Michael G. Savage, Reg. No. 32,396
Name of Person Signing

Signature

3/3/97
Date

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

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

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Date of Deposit: March 3, 1997

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the Commissioner of Patents and Trademarks, Washington, D.C. 20231.

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000515-091

Attorney's Docket No.

ASSIGNMENT (JOINT)

THIS ASSIGNMENT, by HEDMAN, Olie

and GRENABO, Håkan, residing at Orionsgatan 3, S-441 36
Alingsås, Sweden and Wahlbergsgatan 2,
S-416 72 Göteborg, Sweden (hereinafter referred to as "the Assignors"),
 respectively, witnesseth:

WHEREAS, the Assignors have invented certain new and useful improvements in Method and device for bit pattern detection
☐ which is a provisional application to be filed herewith; ☒ which is a non-provisional application
 having an oath or declaration executed on even date herewith prior to filing of application: ☐
 bearing Application No. _____, and filed on _____;
 and

WHEREAS, Telefonaktiebolaget L.M. Ericsson, a
 corporation duly organized under and pursuant to the laws of Sweden and
 having its principal place of business at S-126 25 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 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 any applications for Letters Patent of the United
 States or other countries claiming priority to said application, 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 issues 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;

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Application Serial No. _____
Attorney's Docket No. 000515-091

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 the Commissioner of Patents to 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 March 3, 1997 Name of Assignor Olle Hedman

OLLE HEDMAN

Date March 3, 1997 Name of Assignor Hakau GRENABO

HAKAU GRENABO

Date _____ Name of Assignor _____

Date _____ Name of Assignor _____

Date _____ Name of Assignor _____

Date _____ Name of Assignor _____

Date _____ Name of Assignor _____

Date _____ Name of Assignor _____