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FORM PTO-1595 (Rev. 6/93)



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Attorney's Docket No. 000500-136

11/16/98

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

1. Name of conveying party(ies):
Leif BERGSTEDT and Ros-Marie LUNDH

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

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name

Other: _____

Execution Date: August 24, 1998

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

Name: Telefonaktiebolaget LM Ericsson

Address: S-126 25 Stockholm, Sweden

Additional 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: _____

A. Patent Application No. (s)
09/139,146

B. Patent No. (s)

Additional numbers attached? Yes No

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

Name: Ronald L. Grudziecki

Address: Burns, Doane, Swecker & Mathis, 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, if necessary

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.

Jennifer P. Wright, Registration Number 41,385 by Martin Farrell 35,506 Nov. 16, 1998
Name of Person Signing Signature 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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11/27/1998 WILLIAM 00000017 024800 09139146
02 FC:581 40.00 CH

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to Commissioner of Patents and Trademarks, Washington, D.C. 20251, on 11/16/98

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(Signature of person signing the certificate)
11/16/98
(Date of Signature)

(BDSM 8) (5/95)

PATENT REEL: 9602 FRAME: 0164

JOINT

ASSIGNMENT

THIS ASSIGNMENT, by Leif BERGSTEDT and Ros-Marie LUNDH

(hereinafter referred to as "the Assignors"), residing at _____
Allmänna vägen 6, S-510 41 SJÖMARKEN, Sweden and
Blåsutgatan 7, S-414 56 GOTHENBURG, Sweden

_____ respectively, witnesseth:

WHEREAS, the Assignors have invented certain new and useful improvements in
A CHIP SUPPORTING MEANS

set forth in an application for Letters Patent of the United States, [] having an oath or declaration
executed on even date herewith; [] bearing Serial No. _____, and filed
on August 24, 1998; and

WHEREAS, 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-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 and said application for Letters Patent of the United States, 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, application for Letters Patent, 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 divisions, continuations, and continuations-
in-part of said application, 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 behoof and the use and behoof 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 and application for Letters Patent 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 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, or 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 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 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 behoof of the Assignee, its successors, legal representatives, and assigns.

Date August 24, 1998 Name of Assignor *Leif Bergstedt*
Leif BERGSTEDT

Date 24 August 1998 Name of Assignor *Ros-Marie Lundh*
Ros-Marie LUNDH

Date _____ Name of Assignor _____

Date _____ Name of Assignor _____

Date _____ Name of Assignor _____

Date _____ Name of Assignor _____

Date _____ Name of Assignor _____

Date _____ Name of Assignor _____