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(Rev. 6-93)

RECORD

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PA 100997343

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

## 1. Name of conveying party(ies):

Bo Hagerman, Sara Mazur and Walter Ghisler

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

## 3. Nature of conveyance: \_\_\_\_\_

☒ Assignment ☐ Merger☐ Security Agreement ☐ Change of Name☐ Other \_\_\_\_\_Execution Date: October 14, 15, and 17, 1997

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

TELEFONAKTIEBOLAGET L M ERICSSON  
(publ)Internal Address: S-126 25  
Stockholm, SwedenStreet 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:

## A. Patent Application No.(s)

U.S. Serial No. 08/917,577 filed on  
August 18, 1997

## B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No5. Name and address of party to whom correspondence  
concerning document should be mailed:Keith W. Saunders  
Jenkins & Gilchrist, P.C.  
1445 Ross Avenue, Suite 3200  
Dallas, Texas 75202-2799

## 6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41) .... \$ 40.00☒ Enclosed☒ Overpayment or underpayment of this fee is  
authorized to be charged to deposit account8. Deposit account number:  
10-0447

03/29/1999 INQUIRY 00000263 04917577

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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.*KEITH W. SAUNDERS, Reg. No. 41,462  
Name of Person Signing

Signature

Date

Total number of pages including cover sheet, attachments, and document: 6Mail documents to be recorded with required cover sheet information to:  
Commissioner of Patents and Trademarks, Box Assignments  
Washington, D.C. 20231I hereby certify that this correspondence is being  
deposited with the United States Postal Service as  
first class mail in an envelope addressed to:  
Assistant Commissioner for Patents,  
Washington, D.C. 20231

on: March 19, 1999

Signature

Carol Mitchell

PATENT  
REEL: 9843 FRAME: 0423

ASSIGNMENT

WHEREAS, we, Bo Hagerman, Sara Mazur and Walter Ghisler, have invented certain new and useful improvements in the following:

METHOD AND SYSTEM FOR DETERMINING THE POSITION  
OF MOBILE RADIO TERMINALS

for which we have made application for United States Letters Patent, the said application having been executed by us on October 14, 15, and 17, 1997, respectively;

WHEREAS, TELEFONAKTIEBOLAGET L M ERICSSON publ, a corporation organized and existing under the laws of Sweden, having its principal place of business at S-126 25 Stockholm, Sweden (hereinafter referred to as "ASSIGNEE"), is desirous of acquiring my entire right, title and interest in and to the invention, and in and to the said application and any Letters Patent that may issue thereon;

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, we do hereby sell, assign and transfer unto ASSIGNEE, its successors, assigns and legal representatives our entire right, title and interest in and to said invention and in and to said applications and all patents which may be granted therefore, and all divisions, reissues, substitutions, continuations, continuation-in-part and extensions thereof; and we hereby authorize and request the Commissioner of Patents and Trademarks to issue all patents for said invention, or

patents resulting therefrom, insofar as our interest is concerned, to the said ASSIGNEE of our entire right, title and interest.

We also hereby sell and assign to said ASSIGNEE, its successors, assigns and legal representatives the full and exclusive rights, title and interest to the invention disclosed in said applications throughout the world, including the right to file applications and obtain patents, utility models, industrial models and designs for said invention in its own name throughout the world including all rights of priority, all rights to publish cautionary notices reserving ownership of said invention and all rights to register said invention in appropriate registries; and

We further agree to execute any and all powers of attorney, applications, assignments, declarations, affidavits, and any other papers in connection therewith necessary to perfect such rights, title and interest in ASSIGNEE, its successors, assigns and legal representatives.

We hereby further agree that we will communicate to said ASSIGNEE, or its successors, assigns and legal representatives, any facts known to us respecting any improvements; and, at the expense of said ASSIGNEE, to testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, continuation-in-part, reissue and substitute applications, make all lawful oaths, and generally do everything possible to vest title in said ASSIGNEE and to aid said ASSIGNEE, its successors, assigns and

legal representatives to obtain and enforce proper protection for said invention in all countries.

We further authorize and direct our attorneys to insert below\* the serial number and filing date of said application now identified as Case Docket No. 27946-288 as soon as the same shall have been made known to them by the United States Patent Office.

\*Serial Number: ~~08/894/466~~ 08/917,577

Filing Date: August 18, 1997

IN WITNESS WHEREOF, I have hereunto set my hand and seal this 14 day of October, 1997.



Bo Hagerman  
Tjärhovsgatan 16  
116 21 Stockholm  
Sweden

On the \_\_\_\_ day of \_\_\_\_\_, 1997, before us personally appeared Bo Hagerman, to us known and known to us to be the individual named in and who executed the foregoing instrument, and acknowledged that he executed the same.

  
Name

% WERNER, NORR MÅLARSTRAND 76, 11235, STOCKHOLM  
Address

  
Name

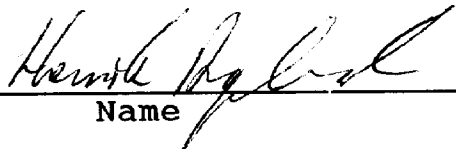
PLOMMONV. 58 175 49 JÄRFÄLLA  
Address

15 IN WITNESS WHEREOF, I have hereunto set my hand and seal this  
day of October, 1997.



Sara Mazur  
Skaldevägen 59 n.b.  
167 73 Bromma  
Sweden

On the 15 day of October, 1997, before us personally  
appeared Sara Mazur, to us known and known to us to be the  
individual named in and who executed the foregoing instrument, and  
acknowledged that he executed the same.



Name

NYCKELV 4 16954 SOLNA

Address



Name

Murarg. 10C 75437 Uppsala

Address

17<sup>th</sup> IN WITNESS WHEREOF, I have hereunto set my hand and seal this  
day of October, 1997.

Walter Ghisler

Walter Ghisler  
Båtsmansvägen 21  
S-194 41 Upplands Väsby  
SWEDEN

On the \_\_\_\_ day of \_\_\_\_\_, 1997, before us personally  
appeared Walter Ghisler, to us known and known to us to be the  
individual named in and who executed the foregoing instrument, and  
acknowledged that he executed the same.

Rommel Hyl dia Suedjen. 11, 194 67 Uppl. Väsby  
Name Address

Arnata Riefeldt Plommene. 58, 17549 Järfälla  
Name Address