

05-05-1999

OMB No. 0651-0011 (exp. 4/94)  
Tab settings - - -



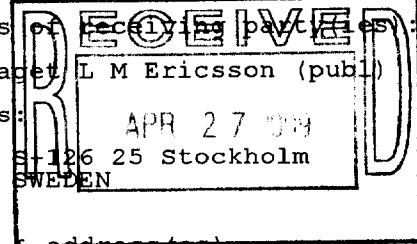
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1 original documents or copy thereof.

To the Honorable Commissioner of Patents and

1. Name of conveying party(ies):  
Ari Kangas, Erik Larsson, Sven Fischer and Patrik Lundqvist  
Additional name(s) of conveying party(ies) attached?  Yes  No

2. Name and address of receiving party(ies):  
Telefonaktiebolaget L M Ericsson (publ.)  
Internal Address:  
Street Address: S-126 25 Stockholm SWEDEN



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

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

Execution Date: Ari Kangas, Erik Larsson and Patrik Lundqvist - October 30, 1998; Sven Fischer - November 12, 1998.

4.22.99

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)  
09/131,150

B. Patent No.(s)

Additional numbers attached?  Yes  No

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

Name: Scott B. Stahl

JENKENS & GILCHRIST, P.C.  
3200 Fountain Square  
1445 Ross Avenue  
Dallas, Texas 75202-2799

Attorney Docket No.: 34645-423

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:  
10-0447 (for deficiency only)

DO NOT USE THIS SPACE

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.

Scott B. Stahl, Reg. No. 33,795  
Name of Person Signing

*Scott B. Stahl*  
Signature

4-21-99  
Date

Total number of pages including cover sheet, attachments, and document: Seven (7)

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01-06-1999

FORM PTO-1595  
(Rev. 6-93)

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

OMB NO. 0651-0011 (exp. 4/94)  
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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

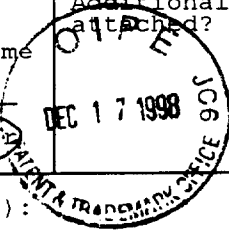
1. Name of conveying party(ies):  
Ari Kangas, Erik Larsson, Sven Fischer and Patrik Lundquist **LUNDQVIST**  
Additional name(s) of conveying party(ies) attached? \_\_\_ Yes X No

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Internal Address:  
Street Address: S-126 25 Stockholm SWEDEN

3. Nature of conveyance:  
X Assignment \_\_\_ Merger  
\_\_\_ Security Agreement \_\_\_ Change of Name  
\_\_\_ Other

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

Execution Date: October 30, 1998 and November 12, 1998.



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09/131,150

B. Patent No.(s)

Additional numbers attached? \_\_\_ Yes X No

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Name: Scott B. Stahl

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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.

Scott B. Stahl, Reg. No. 33,795  
Name of Person Signing

Signature

12-8-98

Date

Total number of pages including cover sheet, attachments, and document: Seven (7)

12/22/1998 SHADAT 00000050 100447 09131150  
01 PD1501 40.00 DP

ASSIGNMENT

WHEREAS, we, Ari Kangas, Erik Larsson, Sven Fischer and Patrik Lundqvist have invented certain new and useful improvements in the following:

IMPROVEMENTS IN DOWNLINK OBSERVED TIME DIFFERENCE MEASUREMENTS for which we have made application for United States Letters Patent, the said application having been executed by us on

\_\_\_\_\_;

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. 34645-423 as soon as the same shall have been made known to them by the United States Patent Office.

\*Serial Number: 09/131,150

Filing Date: August 7, 1998

IN WITNESS WHEREOF, I have hereunto set my hand and seal this Fri day of Oct 30, 1998.

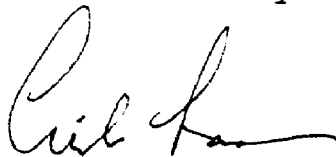
  
\_\_\_\_\_  
Ari Kangas  
Murargatan 10C  
SE-754 37 Uppsala  
Sweden

On the Fri day of Oct 30, 1998, before us personally appeared Ari Kangas, 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.

Olle Gunnar Ny Hömevegatan 7 11229 Stockholm, Sweden  
Name Address

Sören Anderson Bergsätensv. 9D 19140 Sollentuna, Sweden  
Name Address

Fri IN WITNESS WHEREOF, I have hereunto set my hand and seal this  
day of October 30, 1998.



---

Erik Larsson  
Helsingörsgatan 50 NB  
SE-164 44 Kista  
Sweden

On the Fri day of Oct 30, 1998, before us personally  
appeared Erik Larsson, 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.

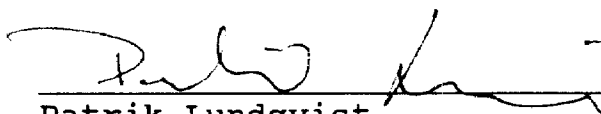
Ulf Erik Larsson Hämeq. 7 11229 Stockholm, Sweden  
Name Address

Sören Anderson Bergstensv. 9D 19140 Sällentuna, Sweden  
Name Address

---



Fri IN WITNESS WHEREOF, I have hereunto set my hand and seal this  
day of Oct - 30, 1998.

  
\_\_\_\_\_  
Patrik Lundqvist  
Trappgränd 4  
SE-169 51 Solna  
Sweden

On the Fri day of Oct 30, 1998, before us personally  
appeared Patrik Lundqvist, 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.

Alexander Ry Hjälmeq. 7 11229 Stockholm, Sweden  
Name Address

Sören Anderson Bergsätensv. 9D 19140 Sollentuna, Sweden  
Name Address

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