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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 document or copy thereof.

1. Name of conveying party(ies):  
Dan Lindqvist and Jacob Österling

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

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

Execution Date: January 11, 1999 and January 11, 1999, respectively

2. Name and address of receiving party(ies):  
TELEFONAKTIEBOLAGET L M ERICSSON (publ)

Internal Address: S-126 25  
Stockholm, Sweden

Street 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)  
U.S. Serial No. 09/205,340 filed on December 3, 1998.

Additional numbers attached?  Yes  No

B. Patent No.(s)  
\_\_\_\_\_

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

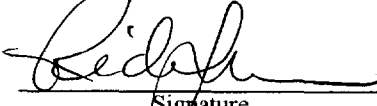
8. Deposit account number:  
10-0447

02/04/1999 SBURNS 00000016 09205340  
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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.*

RICHARD J. MOURA, Reg. No. 34,883  
Name of Person Signing

  
Signature

January 27, 1999  
Date

Total number of pages including cover sheet, attachments, and document: Five (5)

Mail documents to be recorded with required cover sheet information to:  
Commissioner of Patents and Trademarks, Box Assignments  
Washington, D.C. 20231

CERTIFICATE OF MAILING

I hereby certify that this paper or fee is being deposited with the U.S. Postal Service via first class mail on the date indicated below and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231

Date: January 28, 1999

Type or Print Name Carol Mitchell

Signature Carol Mitchell

ASSIGNMENT

WHEREAS, we, Dan Lindqvist and Jacob Österling have invented certain new and useful improvements in the following:

METHOD FOR COMBINING SIGNALS  
ON A DIGITAL INTERFACE

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, continued prosecution applications 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. 34648-00418 as soon as the same shall have been made known to them by the United States Patent Office.

\*Serial Number: 09/205,340

Filing Date: December 3, 1998

IN WITNESS WHEREOF, I have hereunto set my hand and seal this

11 day of January, 1999



Dan Lindqvist  
Hedemoravägen 135  
SE-192 71 Sollentuna  
Sweden

On the 11 day of January, 1999, before us personally appeared Dan Lindqvist, 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.

Mats Molander (MATS MOLANDER) RUNBERGSV 3A, SE-192 48 SOLLENTUNA  
Name Address

Kristin Lidskog (Kristin Lidskog) Kronborgsgränd 4, SE-164 46 KISTA  
Name Address

11 IN WITNESS WHEREOF, I have hereunto set my hand and seal this  
day of January, 1999.



Jacob Österling  
Meteorvägen 25B  
SE-175 60 Järfälla  
Sweden

On the 11 day of January, 1999, before us personally  
appeared Jacob Österling, 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.

Karin Lindberg (Kerstin Lindberg) Kronborgsgård 4 164 46 Kista  
Name Address

Mats Molander (MATS MOLANDER) RUNBERGSV 3A, SE-192 48 SOLLENTUNA  
Name Address