

3FORM PTO-1595  
(Rev. 6-93)

OMB No. 0651-0011 (Exp. 4/94)  
Tab stat. 01 - - -

02-22-1999

Set No. 34645-00316

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office



100967927

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

1. Name of conveying party(ies):

Karl Hellwig  
Anders Danne

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

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

☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other \_\_\_\_\_

Execution Date: May 28 & June 22, 1998

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. 09/065,931 filed on April 24, 1998

Additional numbers attached? ☐ Yes ☒ No

B. Patent No.(s)

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

Thomas L. Crisman  
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

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.*

THOMAS L. CRISMAN, Reg. No. 24,846

Name of Person Signing

Signature

Date

07/23/1998 ITUES 00000026 09050741

02 FC:58.

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

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

U.S. Commissioner of Patents and Trademarks, Box Assignments  
Washington, D.C. 20231

PATENT  
REEL: 9768 FRAME: 0575



34645-316  
UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office

ASSISTANT SECRETARY AND COMMISSIONER  
OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

JANUARY 07, 1999

PTAS

JENKENS & GILCHRIST, P.C.  
THOMAS L. CRISMAN  
1445 ROSS AVENUE  
SUITE 3200  
DALLAS, TEXAS 75202-2799



\*100870810A\*

CORRECTED  
NOTICE

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 07/20/1998

REEL/FRAME: 9380/0071  
NUMBER OF PAGES: 5

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:  
HELLWIG, KARL

DOC DATE: 06/22/1998

ASSIGNOR:  
DANNE, ANDERS

DOC DATE: ~~06/22/1998~~  
05/28/1998

ASSIGNEE:  
TELEFONAKTIEBOLAGET L M ERICSSON  
(PUBL)  
S-126 25  
STOCKHOLM, SWEDEN

SERIAL NUMBER: 09065931  
PATENT NUMBER:

FILING DATE: 04/24/1998  
ISSUE DATE:

\* DOCKETED  
11/15/99  
Action Complete Date 1-7  
SCR  
Reg. Corrected Assg. due 2-2-99

INTELLECTUAL PROPERTY

JAN 15 1999

JENKENS & GILCHRIST

PATENT  
REEL: 9768 FRAME: 0576

JACQUELINE MOORE, PARALEGAL  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

ASSIGNMENT

WHEREAS, we, Karl Hellwig and Anders Danne have invented certain new and useful improvements in the following:

ALTERNATING SPEECH AND DATA TRANSMISSION IN DIGITAL  
COMMUNICATIONS SYSTEMS

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. 34645-00316 as soon as the same shall have been made known to them by the United States Patent Office.

\*Serial Number:

Filing Date: April 24, 1998

IN WITNESS WHEREOF, I have hereunto set my hand and seal this 22 day of June, 1998.

Karl Hellwig  
Karl Hellwig  
Hauptstrasse 32  
D-97539 Wonfurt  
Germany

On the 22 day of June, 1998, before us personally appeared Karl Hellwig, 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.

Stefan Bräuer Thurnenbergerweg 38 / 90491 Nürnberg / Germany  
Name Address

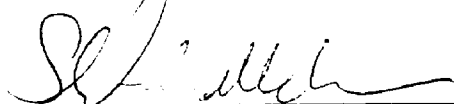
Stefan Bräuer Adelungstr. 11 / 90491 Nürnberg / Germany  
Name Address

28 IN WITNESS WHEREOF, I have hereunto set my hand and seal this  
day of May, 1998.



Anders Danne  
Kastrupgatan 12  
SE-164 41 Kista  
Sweden

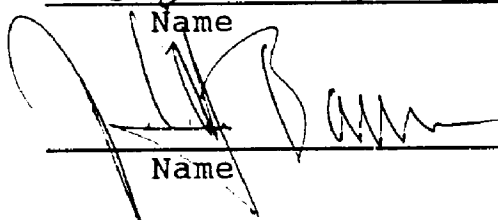
On the 28 day of May, 1998, before us personally  
appeared Anders Danne, to us ~~known~~ and known to us to be the  
individual named in and who executed the foregoing instrument, and  
acknowledged that he executed the same.



Name

Spetser. 22  
Address

75757 UPPSALA



Name

Kastrupg. 16/IV  
Address

16441 KISTA