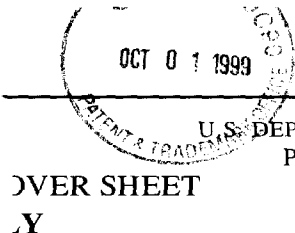


FORM PTO-1595  
(Rev. 6/93)

10-08-1999



101164555



Attorney's Docket No. 040070-438

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

1. Name of conveying party(ies):

Jacobus C. HAARTSEN

MRD  
10-1-99

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

Name: Telefonaktiebolaget LM Ericsson

Address: S-126 25 Stockholm, SWEDEN

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

3. Nature of conveyance:

☒ Assignment

☐ Merger

☐ Security Agreement

☐ Change of Name

Other: \_\_\_\_\_

Execution Date: July 27, 1999

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

4. Application number(s) or patent number(s): 09/348,495

If this document is being filed together with a new application, the execution date of the application is: \_\_\_\_\_

A. Patent Application No.(s)

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.

P.O. 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

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.*

Robert L. Scott, II  
Name of Person Signing

Signature

October 1, 1999  
Date

Total number of pages including cover sheet, attachments, and document: 4

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

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

10/05/1999 CDETIN 00000061 09348495

02 00:581

40.00 0P

(10/97)

PATENT  
REEL: 010286 FRAME: 0871

# ASSIGNMENT

(SOLE)

THIS ASSIGNMENT, by <sup>JCH</sup> JACOBUS CORNELIUS HAARTSEN, residing at DODDEGRAS 29, 7626  
DK BORNE, THE NETHERLANDS (hereinafter referred to as "the Assignor"), witnesseth:

WHEREAS, the Assignor has invented certain new and useful improvements in MULTI-MEDIA PROTOCOL FOR SLOT-BASED COMMUNICATION SYSTEMS set forth in an application,  
☐ which is a provisional application to be filed herewith; ☐ which is a non-provisional application having an oath or declaration executed on even date herewith prior to filing of application;  
☒ bearing Application No. 09/348,495, and filed on July 7, 1999; and

WHEREAS, TELEFONAKTIEBOLAGET L M ERICSSON, a corporation duly organized under and pursuant to the laws of STOCKHOLM, SWEDEN, and having its principal place of business at 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, the right to file applications on said inventions and the entire right, title and interest in and to any applications, including provisional applications for Letters Patent of the United States or other countries claiming priority to said application, 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 Assignor has sold, assigned, transferred, and set over, and by these presents does 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, the right to file applications on said inventions and the entire right, title and interest in and to any applications for Letters Patent of the United States or other countries claiming priority to said application, 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 applications claiming priority to said applications, divisions, continuations, and continuations-in-part of said applications, 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 behalf and the use and behalf 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 Assignor had this sale and assignment not been made;

AND for the same consideration, the Assignor hereby covenants and agrees to and with the Assignee, its successors, legal representatives, and assigns, that, at the time of execution and delivery of these presents, the Assignor is the sole and lawful owner of the entire right, title, and interest in and to the inventions set forth in said applications and said applications, including provisional applications, above-mentioned, and that the same are unencumbered, and that the Assignor has 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 Assignor hereby covenants and agrees to and with the Assignee, its successors, legal representatives, and assigns that the Assignor 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 applications for Letters Patent or Patents, or any proceeding in connection with Letters Patent or Patents for said inventions in any

country, including interference proceedings, is lawful and desirable, or that any application claiming priority to said application, division, continuation, or continuation-in-part of any applications for Letters Patent or Patents, or any reissue or extension of any Letters Patent or Patents 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 or Patents 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 Assignor hereby authorizes and requests the attorneys of BURNS, DOANE, SWECKER & MATHIS, L.L.P. of Alexandria, Virginia to insert in the spaces provided above the filing date, application number, and attorney docket number of said application when known.

AND the Assignor hereby requests the Commissioner of Patents to issue any and all said Letters Patent of the United States to the Assignee, as the Assignee of said inventions and the Letters Patent to be issued thereon for the sole use and behalf of the Assignee, its successors, legal representatives, and assigns.

Date July 27, 1999 Signature of Assignor

  
\_\_\_\_\_  
Jacobus Cornelius HAARTSEN

JCH

Rätt till uppfinning

Right to an invention

**ÖVERLÅTELSE**

Härmed förklarar jag att jag till

**TELEFONAKTIEBOLAGET L M ERICSSON,**  
126 25 STOCKHOLM, SVERIGE överlätit min rätt  
till patent i alla länder på en uppfinning gjord av:

HAARTSEN, Jacobus C.

benämnd: MULTI-MEDIA PROTOCOL FOR SLOT-  
BASED COMMUNICATION SYSTEMS

inlämnad i USA den 24 november 1998

med ansökningsnr 60/109,692

Överlåtelsen av ovannämnda rätt till uppfinning  
innefattar ett överförande av patenträttigheterna i alla  
länder, samt rätten att i alla länder utnyttja konventions-  
prioritet från den amerikanska patentansökningen.

FÖRVÄRVAREN förfogar herefter ensam över upp-  
finningen och innehar med full äganderätt beviljade in-  
och utländska patent med ursprung i denna.

ÖVERLÅTAREN förpliktar sig att underteckna alla  
handlingar som erfordras för uttagande av patent och i  
övrigt alla sådana handlingar som kan erfordras för att  
göra de härmed överlåtna rättigheterna gällande.

Skulle ÖVERLÅTAREN vara förhindrad att personligen  
underteckna nämnda handlingar, gäller denna överlåtelse-  
handling som fullmakt för FÖRVÄRVAREN att för  
ÖVERLÅTARENS räkning - eller om denne senare skulle  
avlida, för ifrågavarande dödsbos räkning - underteckna  
dessa handlingar.

**ASSIGNMENT**

I hereby declare, that I have assigned to

**TELEFONAKTIEBOLAGET L M ERICSSON,**  
S-126 25 STOCKHOLM, SWEDEN my right to  
patents, in all countries, to an invention made by:

HAARTSEN, Jacobus C.

bearing the title: MULTI-MEDIA PROTOCOL FOR  
SLOT-BASED COMMUNICATION SYSTEMS

filed in the USA on November 24, 1998

with the Application No 60/109,692

The assignment of the above mentioned right to an  
invention includes a transfer of the patent rights in all  
countries, as well as the right to use a convention priority  
of the American patent application in all countries.

The ASSIGNEE alone hereinafter has the entire disposal  
of the invention and possesses entire ownership to any  
domestic and foreign patents granted thereafter.

The ASSIGNOR undertakes to sign all documents  
necessary for obtaining a patent and, moreover, all such  
documents, which may be required to assert the rights  
transferred hereby.

If the ASSIGNOR is prevented by any obstacles from  
signing said documents in person, this document of  
assignment shall be valid as a Power of Attorney for the  
ASSIGNEE to sign these documents on behalf of the  
ASSIGNOR or, in the event of the death of the latter, the  
estate thereof.

.....*Haartsen*.....*Jan 28, 1999*.....  
Ort och datum/Place and date

.....*[Signature]*.....  
Överlåtarens underskrift/Signature of the Assignor

.....Jacobus C. Haartsen.....  
Namnförtydligande/Clarification of the signature

Doddegras 29  
7626 DK Borne  
The Netherlands

.....  
Överlåtarens adress/Address of the Assignor