

12-13-2000

FORM PTO-1595 (Rev. 6-93) 11.22.00



U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

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

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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):

Andrea Fiorini
Magnus Karissson
Luca Vignali

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

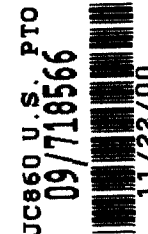
2. Name and address of receiving party(ies):

Telefonaktiebolaget LM Ericsson (publ)

Street Address:

S-126 25 Stockholm
SWEDEN

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



3. Nature of conveyance:

Assignment Merger
 Security Agreement Change of Name
Other _____

Execution Date: November 22, 2000; November 22, 2000 and November 22, 2000

4. Application number(s) or patent number(s):

09/718566

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

A. Patent Application No.(s)

Additional numbers attached? Yes No

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

Ross T. Robinson
Jenkins & Gilchrist, P.C.
1445 Ross Avenue, Suite 3200
Dallas, Texas 75202-2799

6. Total number of applications and patents involved: One (1)

7. Total fee (37 C.F.R. 3.41):.... \$ 40.00 €

Enclosed

Authorized to be charged to deposit account

8. Deposit account number:

10-0447
(Attach duplicate copy of this page if paying by deposit account)

12/11/2000 DRYRNE 00000177 09718566

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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.

Steven R. Greenfield
Name of Person Signing

Signature (Reg.No. 38/166)

Nov 22, 2000
Date: November 22, 2000

Total number of pages including cover sheet, attachments, and document: 6

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

ASSIGNMENT

WHEREAS, we, Andrea Fiorini, Magnus Karlsson, and Luca Vignali have invented certain new and useful improvements in the following: **RATE ADAPTION TO IMPROVE COVERAGE** for which we have made application for United States Letters Patent bearing Application Serial No. 60/168,833, filed December 3, 1999; and **METHOD AND SYSTEM FOR BIT-RATE ADAPTION TO IMPROVE COVERAGE** for which we have made application for United States Letter Patent, and;

WHEREAS, Telefonaktiebolaget LM 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 our 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. 34646-00448USPT as soon as the same shall have been made known to them by the United States Patent Office.

*Serial Number: _____

Filing Date: _____

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

2000

Andrea Fiorini

Name: Andrea Fiorini
Address: Via dei Guidei, 3/2
IT-400 16 San Giorgio di Piano (BO)
ITALY

On the _____ day of _____, 2000 before us personally appeared Andrea Fiorini, 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.

<i>[Signature]</i>	MERO DANIELE	V.LE PASUBIC, 3 - MILANO - ITALY
WITNESS (1) SIGNATURE	PRINTED NAME	ADDRESS
<i>[Signature]</i>	MIRKO PASTI	VIA PINCINO, 13 - BOLOGNA - ITALY
WITNESS (2) SIGNATURE	PRINTED NAME	ADDRESS

IN WITNESS WHEREOF, I have hereunto set my hand and seal this 22 day of Nov,
2000.

Magnus Karlsson

Name: **Magnus Karlsson**
Address: **Carl malmstens väg 4**
SE-170 73 Solna
SWEDEN

On the ___ day of _____, 2000 before us personally appeared Magnus Karlsson, 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.

Fiero Daniele

WITNESS (1) SIGNATURE

FIERO DANIELE

PRINTED NAME

V LE PASUBIO, 3 - MILANO - ITALY

ADDRESS

Mirko Tassi

WITNESS (2) SIGNATURE

MIRKO TASSI

PRINTED NAME

VIA PINO, 4 - BOLOGNA - ITALY

ADDRESS

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

2000



Name: Luca Vignali
Address: Via Tobagi, 10
IT-421 00 Reggio Emilia
ITALY

On the ___ day of _____, 2000 before us personally appeared Luca Vignali, 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.

Diana Daniele MIRKO DANIELE V LE TASUBIO, 3 - MILANO - ITALY
WITNESS (1) SIGNATURE PRINTED NAME ADDRESS

Mirko Vasi MIRKO VASI VIA MINCIO, 5 - BOLOGNA - ITALY
WITNESS (2) SIGNATURE PRINTED NAME ADDRESS

Attorney Docket No. 34646-00448USPT
P13078U92