

09-08-1999

(Rev. 6-93)

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

Tab settings - - - - -



To the Honorable Commissioner of Patent:

101137888

Original documents or copy thereof.

1. Name of conveying party(ies):

GEORG FRANK
MATHIAS SCHULIST;
WOLFGANG GRANZOW;
ALEXANDER MAURER; and
BRANISLAV POPOVICAdditional name(s) of conveying party(ies)
attached? ☐ Yes ☒ No

3. Nature of conveyance:

9-3-99

☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other _____Execution Date: July 14, 1999, July 14, 1999, August 12, 1999, July
14, 1999, August 2, 1999, respectively

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

Name: Telefonaktiebolaget LM Ericsson (publ)

Internal Address: _____

Street Address: S-126 25 Stockholm, SwedenAdditional 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)

09/320,638 filed May 26, 1999

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No5. Name and address of party to whom correspondence concerning
document should be mailed:

Name: Richard J. Moura

JENKENS & GILCHRIST, P.C.
3200 Fountain Place
1445 Ross Avenue
Dallas, Texas 75202-27996. Total number of applications and patents involved: 17. Total fee (37 CFR 3.41):..... \$ 40.00☒ Enclosed☐ Authorized to be charged to deposit account8. 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.*Spencer C. Patterson
Name of Person Signing
Signature**40E**
August 30, 1999
DateTotal number of pages including cover sheet, attachments, and document: 8Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents and Trademarks, Box Assignments
Washington, D.C. 20231

09/07/1999 CVORACHA 00000031 09320638

02 FC:581

40.00 DP

Docket No. 43605-00008

ASSIGNMENT

WHEREAS, we, Georg FRANK, Mathias SCHULIST, Wolfgang GRANZOW, Alexander MAURER, and Branislav POPOVIC, have invented certain new and useful improvements in the following:

**MULTIPATH PROPAGATION DELAY DETERMINING MEANS
USING PERIODICALLY INSERTED PILOT SYMBOLS**

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.

IPDAL:217064.1 43605-00008

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. 43605-00006 as soon as the same shall have been made known to them by the United States Patent Office.

*Serial Number: 09/320,638

Filing Date: May 26, 1999

ASSIGNMENT - Page 2

IPDAL:317064,1 41605-00006

IN WITNESS WHEREOF, I have hereunto set my hand and seal this 14 day of July,

1999.

Frank

Georg FRANK
Kieler Str. 26a
D-90425 Nürnberg
DE

On the 14 day of July, 1999, before us personally appeared Georg Frank, 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.

UDO WACHSMANN, BREITENFELDSTR. 26, 91126 SCHWABACH
Name Address

Jörn Thielecke, Röhrenstr 24, 91056 Erlangen
Name Address

IN WITNESS WHEREOF, I have hereunto set my hand and seal this 14 day of July, 1999.


M. Schulist
Mathias SCHULIST
Täublingstr. 33
D-91058 Erlangen
DE

On the 14 day of July, 1999, before us personally appeared Mathias Schulist, 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.

Udo Wiedemann, Breitenfeldstr. 26, 91126 Schwarzbach
Name Address

Jörn Thielecke, Rhönstr 24, 91056 Erlangen
Name Address

IN WITNESS WHEREOF, I have hereunto set my hand and seal this 12 day of August 1999.



 Wolfgang GRANZOW
 Seelachweg 6
 D-90562 Heroldsberg
 DE

On the ____ day of _____, 1999, before us personally appeared Wolfgang Granzow, 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.

Det. L. Valzenerstr. 41, 90480 Nürnberg
 Name Address

Salvia Kuchas Schussleitenweg 49, 90451 Nürnberg
 Name Address

IN WITNESS WHEREOF, I have hereunto set my hand and seal this 14 day of July, 1999.


Alexander MAURER
Oberer Stockweg 75
D-91186 Büchenbach
DE

On the 14 day of July, 1999, before us personally appeared Alexander Maurer, 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.

Saline Inds. SCHUSSLEITENWEG 49, 90451 NÜRNBERG
Name Address

Fredy Strohm Bauwirtschaft 2 91077 Neu-Kinden a. Brand
Name Address

IN WITNESS WHEREOF, I have hereunto set my hand and seal this 2 day of August, 1999.

Branislav Popovic
Branislav POPOVIC
Ankdammsgatan 33
S-17 167 Solna
SE

On the 2 day of August, 1999, before us personally appeared Branislav Popovic, 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.

Herman Olsson
Name

Herman Olsson Tullatan 10, 172 69 Sundbyberg
Address

Maria Edvardson
Name

Medborgarplatsen 11, 2tr 178 26 Stockholm
Address

ASSIGNMENT - Page 7

PPDAL 217064.1 43605-00008