

05-11-1999

Docket No. 34649-427 USPX

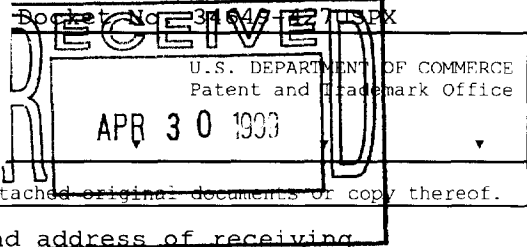
FORM PTO-1595 (Rev. 6-93)

4.30.99



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

101037398



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

1. Name of conveying party(ies): Mats Pettersson, Espen Kristensen, Börre Fjeldsö. Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies): Name: Telefonaktiebolaget LM Ericsson (publ). Internal Address: SE-126 25 Stockholm Street Address: Stockholm, Sweden

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

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

Execution Date: March 5, 1999 and December 19, 1997; March 25, 1999 and December 19, 1997; and January 5, 1998, respectively.

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) 09/213,059 B. Patent No.(s) Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed: William J. Tucker, Jenkens & Gilchrist, P.C., 1445 Ross Avenue, Suite 3200, Dallas, Texas 75202-2799

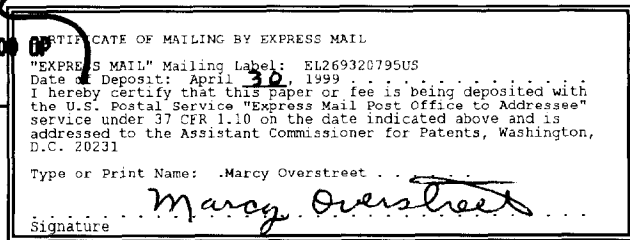
6. Total number of applications and patents involved: 1. 7. Total fee (37 CFR 3.41): \$40.00 X Enclosed Authorized to be charged to deposit account. 8. Deposit account number: 10-0447

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. William J. Tucker, Signature, 4/30/99 Date. Total number of pages including cover sheet, attachments, and document: 9

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

05/10/1999 DNGUYEN 00000342 09213059 01 FC:581



ASSIGNMENT

WHEREAS, we, Mats Pettersson, Espen Kristensen and Börre Fjeldsö have invented certain new and useful improvements in the following:

A METHOD AND AN APPARATUS
RELATING TO MOBILE TELEPHONE MODEMS

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

ASSIGNMENT - Page 2

IPDAL:203098.1


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. 34649-00427 as soon as the same shall have been made known to them by the United States Patent Office.

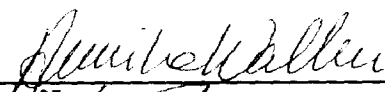
*Serial Number: 09/213,059


Filing Date: December 16, 1998

IN WITNESS WHEREOF, I have hereunto set my hand and seal this 5th day of March, 1999.


Mats Pettersson
Sofiavägen 5B
SE-222 41 Lund
Sweden

On the 5th day of March, 1999, before us personally appeared Mats Pettersson, 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.

 Åsbov 1, 24538 Staffanstorp Sweden
Name Address

 Saxövägen 13 24471 Dösjebro
Name Address Sweden

ASSIGNMENT

WHEREAS, we, Mats Pettersson, Espen Kristensen and Börre Fjeldsö have invented certain new and useful improvements in the following:

A METHOD AND AN APPARATUS
RELATING TO MOBILE TELEPHONE MODEMS

for which we have made application for United States Letters Patent, the said application having been executed by us on

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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

ASSIGNMENT - Page 2

IPDAL:203098.1

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

Espen Kristensen

Espen Kristensen
~~Grovikveien 45~~ Grovikstien 14
NO-4635 Kristiansand
Norway

On the 25 day of March, 1999, before us personally
appeared Espen Kristensen, 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.

Maria Lennung

Name MARIA LENNUNG

Address DRAEÖRGR. 1, SE-16146 KISTA
SWEDEN

Bunilla Sienssen

Name Bunilla Sienssen

Address Tunav. 29 nb. 17068 SOLNA,
Sweden

ÖVERLÄTELSE

ASSIGNMENT

Härmed förklarar vi att vi till

We hereby declare, that we have assigned to

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

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

Mats Pettersson, Espen Kristensen och Børre Fjeldsø

benämnd:

bearing the title:

FÖRFARANDE OCH ANORDNING VID MOBILTELEFONMODEN

inlämnad i Sverige den 1997-12-17.....

filed in Sweden on

med ansökningsnr9704760-9.....

with the Application No

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 svenska patentansökningen.

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 Swedish patent application in all countries.

FÖRVÄRVAREN förfogar härefter ensam över upp-
finningen och innehar med full äganderätt därå beviljade
in- och utländska patent som har sitt ursprung i denna.

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

ÖVERLÅTARNA 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.

The ASSIGNORS undertake to sign all documents
necessary for taking out a patent and, moreover, all such
documents, which may be required to assert the rights
transferred hereby.

Skulle ÖVERLÅTARNA vara förhindrade att personligen
underteckna nämnda handlingar, gäller denna
överlåtelsehandling som fullmakt för FÖRVÄRVAREN att
för ÖVERLÅTARNAS räkning - eller om dessa senare
skulle avlida, för ifrågavarande dödsbos räkning -
underteckna dessa handlingar.

If the ASSIGNORS are 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
ASSIGNORS or, in the event of the death of the latter, the
estate thereof.

Mats

Espen

LUND 19-12-97

Arendal 19-12-97

Ort och datum/Place and date

Place and date/Ort och datum

[Signature]

[Signature]

Överlåtarens underskrift/Signature of the Assignor

Signature of the Assignor/Överlåtarens underskrift

Mats Pettersson

Espen Kristensen

Namnförtydligande/Clarification of the signature

Clarification of the signature/Namnförtydligande

Sofiavägen 5B

Grovikveien 45

Överlåtarens adress/Address of the Assignor

Address of the Assignor/Överlåtarens adress

222 41 LUND

4635 KRISTIANSAND

SVERIGE

NORGE

Right to an invention

ÖVERLÅTELSE

ASSIGNMENT

Härmed förklarar vi att vi till

We hereby declare, that we have assigned to

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

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

Mats Pettersson, Espen Kristensen och Børre Fjeldsø

benämnd:

bearing the title:

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inlämnad i Sverige den 1997-12-17

filed in Sweden on

med ansökningsnr 9704760-9

with the Application No

Överlåtelser av ovanstående rätt till uppfinning
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ASSIGNEE to sign these documents on behalf of the
ASSIGNORS or, in the event of the death of the latter, the
estate thereof.

Arendal Børre 5/1-98

Ort och datum/Place and date

Place and date/Ort och datum

Børre Fjeldsø
Överlåtarens underskrift/Signature of the Assignor

Signature of the Assignor/Överlåtarens underskrift

Børre Fjeldsø
Namnförtydligande/Clarification of the signature

Clarification of the signature/Namnförtydligande

Heimdalsbakken 8
Överlåtarens adress/Address of the Assignor

Address of the Assignor/Överlåtarens adress

N-4800 ARENDAL

NORGE