

10-08-1999

Attorney Docket No. 34645-461

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



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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):
Erik Larsson, Ari Kangas and Sven Fischer

MRO
10-4-99

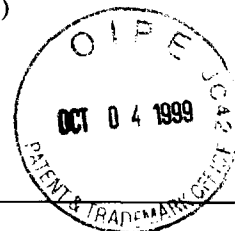
Additional name(s) of conveying party(ies) attached? Yes No

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



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

Execution Date: Larsson - August 17, 1999; Kangas - August 18, 1999; and Fischer - September 1, 1999

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)

Serial No.: 09/354,175

B. Patent No.(s)

Additional numbers attached? Yes No

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

Scott B. Stahl
Jenkins & Gilchrist, P.C.
1445 Ross Avenue, Suite 3200
Dallas, Texas 75202-2799

Attorney Docket No.: 34645-461

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.

SCOTT B. STAHL, Reg. No. 33,795
Name of Person Signing

Scott Stahl
Signature

9-28-99
Date

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

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 NPROSASO 00000122 09354175

01 FC:581

40.00 DP

ASSIGNMENT

WHEREAS, we, Erik Larsson, Ari Kangas and Sven Fischer have invented certain new and useful improvements in the following:

EFFICIENT DETERMINATION OF TIME OF ARRIVAL OF RADIO COMMUNICATION
BURSTS

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.

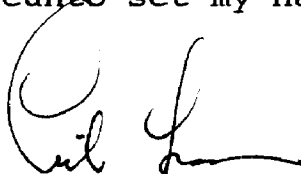
We hereby further agree that we will communicate to said ASSIGNEE, or its successors, assigns and legal representatives, any facts known to us respecting any improvements; and, at the expense of said ASSIGNEE, to testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, 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. 34645-461 as soon as the same shall have been made known to them by the United States Patent Office.

*Serial Number: 09/354,175

Filing Date: July 16, 1999

IN WITNESS WHEREOF, I have hereunto set my hand and seal this Tues day of Aug. 17, 1999.



Erik Larsson
Helsingörsgatan 50 nb
SE-164 44 Kista
Sweden

On the Tues day of Aug 17, 1999, before us personally appeared Erik Larsson, 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.

Annemie Bernle

Name

Åkerbyvägen 372, 18738 Täby

Address

Per Åhgren

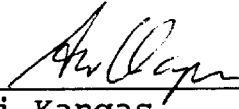
Name

Per Åhgren, Studentvägen 14:52, 75234 Uppsala

Address

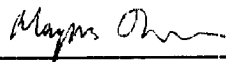
IN WITNESS WHEREOF, I have hereunto set my hand and seal this
day of August 18, 1999.

Wednes



Ari Kangas
Murargatan 10 C
SE-754 37 Uppsala
Sweden

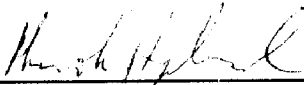
On the Wednes day of August 18, 1999, before us personally
appeared Ari Kangas, to us known and known to us to be the
individual named in and who executed the foregoing instrument, and
acknowledged that he executed the same.



Magnus Olsson, Studentv. 28:57, SE-75234 Uppsala, SWEDEN

Name

Address



HENRIK ASPLUND, Nyckelväg 4, SE-16154 SOLNA, SWEDEN

Name

Address

