

MRD
8-28-98 RECC

09-03-1998



HEET

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

Tab settings

To the Honorable Commissioner of Patents and Trademarks

100806684

Send original documents or copy thereof.

1. Name of conveying party(ies).
Christopher Hugh Kingdon, Bagher
Rouhollah Zadeh, Anders Thomas Holmring
and Lars-Goran Lund
Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies)
Name: Ericsson Inc.
Internal Address: _____

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

Street Address: 7001 Development Drive
City: Research Triangle Park State: NC ZIP: 27709

Execution Date: June 19, 1998 (Kingdon and Zadeh)
Aug. 13, 1998 (Holmring) June 10, 1998 (Lund)

Additional 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)
09/086,759

B. Patent No.(s)

Additional numbers attached? Yes No

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

Name: Dean A. Monco
Internal Address: _____
Wood, Phillips, VanSanten, Clark
& Mortimer
Street Address: 500 West Madison Street
Suite 3800
City: Chicago State: IL ZIP: 60661

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41).....\$ 120.00
 Enclosed
 Authorized to be charged to deposit account

8. Deposit account number:
23-0785
(Attach duplicate copy of this page if paying by deposit account)

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.

Nora T. Wesley
Name of Person Signing

Nora T. Wesley
Signature

08/25-98

1281.00008

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

7

09/02/1998 11:54 AM 100806684 01 00:50

ASSIGNMENT

Serial No. 09/086,759

Filed May 28, 1998

In consideration of One Dollar and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the undersigned inventor, or each inventor if more than one, hereby assigns to _____

ERICSSON INC.

its successors and assigns (hereinafter called "said assignee"), the entire right, title and interest in the invention or improvements of the undersigned disclosed in an application for Letters Patent of the United States, entitled, _____

GSM TRANSCEIVER UNIT EQUIPPED FOR TIME OF ARRIVAL MEASUREMENTS

executed by the undersigned on the 19th day of June, 1998, and in said application and any and all other applications for United States Letters Patent, which the undersigned may file, either solely or jointly with others, on said invention or improvements, and in any and all Letters Patent of the United States which may be obtained on any of said applications, and in any reissue or extension thereof.

The undersigned hereby authorizes and requests the Commissioner of Patents to issue said Patent to said assignee.

The undersigned hereby authorizes and requests the attorneys of record in said application to insert in this assignment the date and serial number of said application.

For said consideration, the undersigned hereby agrees, upon the request and at the expense of said assignee, to execute any divisional, continuation or substitute application for said invention or improvements, and any oath, declaration or affidavit relating thereto, and any application for the reissue or extension of any Letters Patent that may be granted upon said application, and, in the event of any application or Letters Patent assigned herein becoming involved in Interference, to cooperate to the best of the ability of the undersigned in the matters of preparing and executing the preliminary statement and giving and producing evidence in support thereof. The undersigned agrees to perform, upon request, any affirmative acts to obtain said Letters Patent of the United States and vest in said assignee all rights therein, whereby said Letters Patent will be held and enjoyed by said assignee, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same should have been held and enjoyed by the undersigned if this assignment had not been made.

And for said consideration, the undersigned hereby assigns to said assignee the entire right, title and interest in said invention or improvements for all foreign countries, including all priority rights under

the International Convention, and agrees to execute, at the request of said assignee, all documents in connection with any application for foreign letters patent therefor.

Christopher Hugh Kingdon
Christopher Hugh Kingdon

Bagher Rouhollah Zadeh
Bagher Rouhollah Zadeh

Anders Thomas Holmring

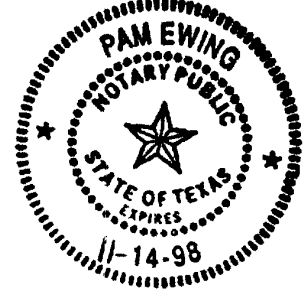
Lars-Goran Lund

June 19, 1998
STATE OF TEXAS
COUNTY OF Dallas

Before me, a Notary Public in and for the County and State aforesaid, appeared _____
CHRISTOPHER HUGH KINGDON
to me personally known to be the signer, or signers, of the foregoing instrument, and acknowledged execution of said instrument as a free and voluntary act for the uses and purposes therein expressed.

Pam Ewing
Notary Public

WOOD, PHILLIPS, VanSANTEN, CLARK & MORTIMER
500 West Madison Street, Suite 3800
Chicago, Illinois 60661-2511



ASSIGNMENT

Serial No. 09/086,759

Filed May 28, 1998

In consideration of One Dollar and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the undersigned inventor, or each inventor if more than one, hereby assigns to _____

ERICSSON INC.

its successors and assigns (hereinafter called "said assignee"), the entire right, title and interest in the invention or improvements of the undersigned disclosed in an application for Letters Patent of the United States, entitled, _____

GSM TRANSCEIVER UNIT EQUIPPED FOR TIME OF ARRIVAL MEASUREMENTS

executed by the undersigned on the 13th day of August, 1998, and in said application and any and all other applications for United States Letters Patent, which the undersigned may file, either solely or jointly with others, on said invention or improvements, and in any and all Letters Patent of the United States which may be obtained on any of said applications, and in any reissue or extension thereof.

The undersigned hereby authorizes and requests the Commissioner of Patents to issue said Patent to said assignee.

The undersigned hereby authorizes and requests the attorneys of record in said application to insert in this assignment the date and serial number of said application.

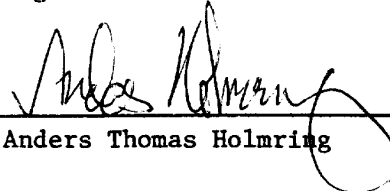
For said consideration, the undersigned hereby agrees, upon the request and at the expense of said assignee, to execute any divisional, continuation or substitute application for said invention or improvements, and any oath, declaration or affidavit relating thereto, and any application for the reissue or extension of any Letters Patent that may be granted upon said application, and, in the event of any application or Letters Patent assigned herein becoming involved in interference, to cooperate to the best of the ability of the undersigned in the matters of preparing and executing the preliminary statement and giving and producing evidence in support thereof. The undersigned agrees to perform, upon request, any affirmative acts to obtain said Letters Patent of the United States and vest in said assignee all rights therein, whereby said Letters Patent will be held and enjoyed by said assignee, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same should have been held and enjoyed by the undersigned if this assignment had not been made.

And for said consideration, the undersigned hereby assigns to said assignee the entire right, title and interest in said invention or improvements for all foreign countries, including all priority rights under

the International Convention, and agrees to execute, at the request of said assignee, all documents in connection with any application for foreign letters patent therefor.

Christopher Hugh Kingdon

Bagher Rouhollah Zadeh



Anders Thomas Holmring

Lars-Goran Lund

_____, 19 98

STATE OF _____

COUNTY OF _____

Before me, a Notary Public in and for the County and State aforesaid, appeared _____

to me personally known to be the signer, or signers, of the foregoing instrument, and acknowledged execution of said instrument as a free and voluntary act for the uses and purposes therein expressed.

Notary Public

WOOD, PHILLIPS, VanSANTEN, CLARK & MORTIMER
500 West Madison Street, Suite 3800
Chicago, Illinois 60661-2511

ASSIGNMENT

Serial No. 09/086,759

Filed May 28, 1998

In consideration of One Dollar and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the undersigned inventor, or each inventor if more than one, hereby assigns to _____

ERICSSON INC.

its successors and assigns (hereinafter called "said assignee"), the entire right, title and interest in the invention or improvements of the undersigned disclosed in an application for Letters Patent of the United States, entitled,

GSM TRANSCIVER UNIT EQUIPPED FOR TIME OF ARRIVAL MEASUREMENTS

executed by the undersigned on the 10th day of June, 1998, and in said application and any and all other applications for United States Letters Patent, which the undersigned may file, either solely or jointly with others, on said invention or improvements, and in any and all Letters Patent of the United States which may be obtained on any of said applications, and in any reissue or extension thereof.

The undersigned hereby authorizes and requests the Commissioner of Patents to issue said Patent to said assignee.

The undersigned hereby authorizes and requests the attorneys of record in said application to insert in this assignment the date and serial number of said application.

For said consideration, the undersigned hereby agrees, upon the request and at the expense of said assignee, to execute any divisional, continuation or substitute application for said invention or improvements, and any oath, declaration or affidavit relating thereto, and any application for the reissue or extension of any Letters Patent that may be granted upon said application, and, in the event of any application or Letters Patent assigned herein becoming involved in Interference, to cooperate to the best of the ability of the undersigned in the matters of preparing and executing the preliminary statement and giving and producing evidence in support thereof. The undersigned agrees to perform, upon request, any affirmative acts to obtain said Letters Patent of the United States and vest in said assignee all rights therein, whereby said Letters Patent will be held and enjoyed by said assignee, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same should have been held and enjoyed by the undersigned if this assignment had not been made.

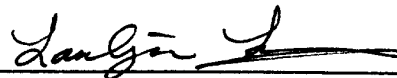
And for said consideration, the undersigned hereby assigns to said assignee the entire right, title and interest in said invention or improvements for all foreign countries, including all priority rights under

the International Convention, and agrees to execute, at the request of said assignee, all documents in connection with any application for foreign letters patent therefor.

Christopher Hugh Kingdon

Bagher Rouhollah Zadeh

Anders Thomas Holmring



Lars-Goran Lund

_____, 1998

STATE OF _____

COUNTY OF _____

Before me, a Notary Public in and for the County and State aforesaid, appeared _____

to me personally known to be the signer, or signers, of the foregoing instrument, and acknowledged execution of said instrument as a free and voluntary act for the uses and purposes therein expressed.

Notary Public

WOOD, PHILLIPS, VanSANTEN, CLARK & MORTIMER
500 West Madison Street, Suite 3800
Chicago, Illinois 60661-2511