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To the Honorable Commissioner of Patents and Trademarks

07-24-1998



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U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

all documents or copy thereof.

1. Name of conveying party(ies):

Ali S. Khayrallah

MPL 7-920-98

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

3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other

Execution Date: June 18, 1998

2. Name and address of receiving party(ies)

Name: ERICSSON INC.

Internal Address:

Street Address: 7001 Development Drive

City: Research State: NC ZIP: 27709
Triangle ParkAdditional 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)

09/102,291

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
& MortimerStreet 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).....\$ 40.00

☐ 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)

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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.

Nora Wesley

Name of Person Signing

Signature

07-17-98

Date

1280.00038

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

3

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments

REEL: 9326 FRAME: 0481

ASSIGNMENT

Serial No. 09/102,291

Filed June 22, 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, **DIGITAL DATA DECODER THAT DERIVES CODEWORD ESTIMATES FROM SOFT DATA,**

executed by the undersigned on the 18th 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.

Wood, Phillips, VanSanten, Clark & Mortimer
Suite 3800
500 West Madison Street
Chicago, IL 60661-2511
Telephone 312.876.1800

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PATENT
REEL: 9326 FRAME: 0482

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.

Date: 6-18-98

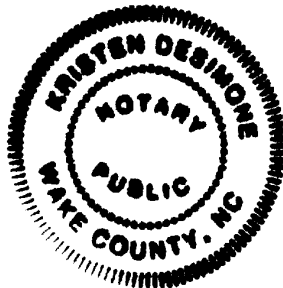
Ali S. Khayrallah
Ali S. Khayrallah

Date: _____

STATE OF NORTH CAROLINA

COUNTY OF Wake

Before me, a Notary Public in and for the County and State aforesaid, appeared ALI S. KHAYRALLAH 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.



Kristen Desimone
Notary Public

**My Commission Expires
On March 4, 2003**

Wood, Phillips, VanSanten, Clark & Mortimer
Suite 3800
500 West Madison Street
Chicago, IL 60661-2511
Telephone 312.876.1800

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RECORDED: 07/20/1998

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