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U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office



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To the Honorable Commissioner of Patents and Trademarks, U.S. Patent and Trademark Office, Washington, D.C. 20231. This is a true and correct original document or copy thereof.

1. Name of conveying party(ies): Paul Dent, Amer Hassan and Wayne Stark. Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies): Ericsson Inc. 7001 Development Drive P. O. Box 13969 Research Triangle Park, N.C. Additional name(s) & address(es) attached? Yes No. Includes stamp: JCS40 U.S. PTO 09/15/98 09/10/98

3. Nature of conveyance: X Assignment Merger Security Agreement Change of Name Other. Execution Date: 9/4/98, 9/4/98, 9/1/98, respectively

4. Application number(s) or patent number(s): 09/150,526. If this document is being filed together with a new application, the execution date of the application is: September 4, 1998 for Paul Dent and Amer Hassan; September 1, 1998 in the case of Wayne Stark. A. Patent Application No.(s) B. Patent No.(s). Additional numbers attached? Yes No

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

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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. Brian D. Walker, Reg. No. 37,751. Signature: [Handwritten Signature] Date: 9/10/98. Total number of pages including cover sheet, attachments, and document:

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

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CERTIFICATE OF MAILING BY EXPRESS MAIL. "EXPRESS MAIL" Mailing Label No. EL088051565US. Date of Deposit: September 10, 1998. I hereby certify that this paper or fee is being deposited with the U.S. Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231. Type or Print Name: Judy Justis. Signature: [Handwritten Signature]

Please return signed/Recorded to:
Brian D. Walker
Jenkins & Gilchrist, P.C.
Intellectual Property Dept.
3200 Fountain Place
1445 Ross Avenue
Dallas, Texas 75202-2799

ASSIGNMENT OF U.S. PATENT APPLICATION
(sole or joint inventor(s))

WHEREAS, the undersigned, to wit:

- 1) Paul Dent
- 2) Amer Hassan
- 3) Wayne Stark

____ (X box if continued on page 3)

(hereinafter collectively ASSIGNOR), have made application for United States Letters Patent:

**“Method and Apparatus for Errors
and Erasures Decoding”**

- X one: (a) X which was executed and is being filed herewith in the United States Patent and Trademark Office
- (b) _____ which was filed on _____ and titled _____
- (c) _____ which was filed on _____, and known as Appln. No. _____, titled _____

AND WHEREAS, Ericsson Inc. (hereinafter ASSIGNEE), a corporation organized and existing under the laws of the State of Delaware, and having its principal place of business at 7001 Development Drive, P. O. Box 13969, Research Triangle Park, N.C. 27709, is desirous of acquiring our entire right, title and interest in and to the invention, and in and to the said application and any 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, ASSIGNOR does hereby sell, assign and transfer unto ASSIGNEE, its successors, assigns and legal representatives its entire right, title and interest in and to said invention and in and to said application and all patents which may be granted therefore, and all divisions, reissues, substitutions, continuations, continuations-in-part and extensions thereof; and ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue all patents for said invention, or patents resulting therefrom, insofar as ASSIGNOR's interest is concerned, to the said ASSIGNEE of ASSIGNOR's entire right, title and interest.

ASSIGNOR also hereby sells and assigns to said ASSIGNEE, its successors, assigns and legal representatives the full and exclusive rights, title and interest to the invention disclosed in said application 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

ASSIGNOR further agrees 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.

ASSIGNOR hereby further agrees to communicate with 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.

ASSIGNOR hereby grant(s) the firm of Jenkins & Gilchrist, P.C. of 1445 Ross Avenue, Suite 3200, Dallas, Texas, 75202 or it's agents, the power to insert on this assignment any further identification, including but not limited to application number(s) and filing dates, which may be necessary or desirable in order to comply with any rule or request of the United States Patent and Trademark office for the purposes of recording this document.

Executed on the date(s) below indicated:

