To the Honorable Comm
Please record the attached

101053867	May 17, 1999 Attorney Dkt 8194-287
Please record the attached original documents or copy thereof.	Autoritey DKt 6174-287
Name of conveying party(ies): Alex Krister Raith	2. Name and address of receiving party(ies): Ericsson Inc. 7001 Development Drive P.O. Box 13969 Research Triangle Park, NC 27709
Additional name(s) of conveying party(ies) attached? Yes_X No	
3. Nature of conveyance:	
X Assignment Merger Security Agreement Change of Name Other Execution Date: May 13, 1999	Additional name(s) & address(es) attached? Yes X No
4. Application Serial No Patent No.	09/313,033
If this document is being filed together with a new application, is: May 12, 1999 Additional numbers attached? Yes X No	
5. Name and address of party to whom correspondence	6. Total number of applications and patents involved: 1
concerning document should be mailed: Robert M. Meeks Myers Bigel Sibley & Sajovec P. O. Box 37428 Raleigh NC 27627	7. Total fee (37 CFR 3.41) \$40.00 X Enclosed Authorized to be charged to deposit account 8. Deposit account number: 50-0220
DO NOT USE THIS SPACE	
9. Statement and signature To the best of my knowledge and belief, the foregoing information of the original document. Robert M. Meeks, #40,723 Name of Person Signing Signature	May 17, 1999 Date
Total number of pages including cover sheet, attachments and doc	ument: 3
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PATENT REEL: 009986 FRAME: 0353

ASSIGNMENT

THIS ASSIGNMENT, made by me, **Alex Krister Raith**, a citizen of Sweden, residing at Park Ridge Rd. 805-A5, Durham, North Carolina 27713,

WITNESSETH: That,

WHEREAS, I am the sole inventor of certain new and useful improvements in APPARATUS AND METHODS FOR PROVIDING USAGE INFORMATION IN WIRELESS COMMUNICATIONS SYSTEMS for which an application for United States Letters Patent has been filed in the United States Patent and Trademark Office. I hereby authorize and request my attorney, (Myers Bigel Sibley & Sajovec, P.A., to insert here in parentheses (Application No. ________, filed ________) the filing date and application number of said application when known; and

WHEREAS, **Ericsson Inc.**, a Delaware corporation having a principal place of business at Research Triangle Park, County of Wake, State of North Carolina, hereinafter referred to as assignee, is desirous of acquiring the entire right, title, and interest in and to said invention as described in said application, and in and to any and all Letters Patent which shall be granted therefor in the United States of America and all foreign countries;

NOW, THEREFORE, To Whom It May Concern, be it known that for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I have sold and by these presents do hereby sell, assign, transfer, and convey unto the said assignee, its successors and assigns, the entire right, title, and interest in and to the said invention and application, and in and to any and all continuations, continuations-in-part, or divisions thereof, and in and to any and all Letters Patent of the United States of America and all foreign countries or reissues thereof which may be granted therefor or thereon, for the full end of the term for which said Letters Patent may be granted, together with the right to claim the priority of said application in all foreign countries in accordance with the International Convention, the same to be held and enjoyed by said assignee, its successors, and assigns, as fully and entirely as the same would have been held and enjoyed by me if this assignment and sale had not been made.

I hereby request that said Letters Patent be issued in accordance with this assignment.

I further covenant and agree that, at the time of the execution and delivery of these presents, I possess full title to the invention and application above-mentioned, and that I have the unencumbered right and authority to make this assignment.

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I further covenant and agree to bind my heirs, legal representatives, and assigns promptly to communicate to said assignee or its representatives any facts known to me relating to said invention, to testify in any interference or legal proceedings involving said invention, to execute any additional papers which may be requested to confirm the right of the assignee, its representatives, successors or assigns to secure patent or similar protection for the said invention in all countries and to vest in the assignee complete title to the said invention and Letters Patent, without further compensation, but at the expense of said assignee, its successors, assigns, and other legal representatives.

IN WITNESS WHEREOF, I have hereunto set my hand and seal on this 13² day of <u>May</u>, 1999.

Alex Kriste Routs

STATE OF NORTH CAROLINA)

COUNTY OF WAKE.

Before me personally appeared Alex Krister Raith, to me known to be the person described in and who executed the foregoing instrument, and he acknowledged to me that he executed the same for the purpose therein stated, this $13^{\frac{1}{2}}$ day of $\frac{1}{2}$ 1999.

Victor Public

SEAL

My Commission Expires: Mne 23, 1999

RECORDED: 05/17/1999