ASSIGNMENT RECORDATION FORM CO



To the Honorable Commissioner of Patents and	Tradem
----------------------------------------------	--------

101587459

December 20, 2000 Attorney Docket No. 8194-386IP

Please record the attached original documents or copy thereof.	Michiely Booket No. 6174-36011
Name of conveying party(ies): Ali S. Khayrallah	2. Name and address of receiving party(ies):
Gregory E. Bottomley	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:	9/742173
X Assignment	
Merger Security Agreement	
Change of Name	
Execution Date: December 18, 2000	
	Additional name(s) & address(es) attached? Yes X No
4. Application Serial No. Patent No.	160 <u>17</u> 100
If this document is being filed together with a new application, this: December 18, 2000	ne execution date of the application
Additional numbers attached? Yes X No	
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 1
concerning document should be maned.	7. Total fee (37 CFR 3.41) \$40.00
Scott C. Hatfield	Enclosed X Authorized to be charged to deposit account 50-0220
Myers Bigel Sibley & Sajovec P. O. Box 37428	
Raleigh NC 27627	8. Deposit account number: 50-0220
DO NOT USE THIS SPACE	
./17/2001 DBYRNE 00000129 500220 09742173	
FC:581 40.00 CH	
9. Statement and signature To the best of my knowledge and belief, the foregoing information	on is true and correct and any attached copy is a true copy
of the original document.	
(11.4 //	
Robert W. Glatz, Reg. 36,811	December 20, 2000 Date
Name of Person Signing Signature Total number of pages including cover sheet, attachments and docu-	

PATENT REEL: 011429 FRAME: 0870

ASSIGNMENT

THIS ASSIGNMENT, made by us **Ali S. Khayrallah**, a citizen of the United States of America, residing at 113 Streamview Drive, Apex, North Carolina and **Gregory E. Bottomley**, a citizen of the United States of America, residing at 100 Merlot Court, Cary, North Carolina;

WITNESSETH: That,

WHEREAS, We are the joint inventors of certain new and useful improvements in METHODS AND SYSTEMS FOR EXTRACTING A JOINT PROBABILITY FROM A MAP DECISION DEVICE AND PROCESSING A SIGNAL USING THE JOINT PROBABILITY INFORMATION for which an application for United States Letters Patent has been executed by me concurrently herewith, 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.

1 of 3

PATENT REEL: 011429 FRAME: 0871 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.

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 18th day of <u>December</u>, 2000.

Ale 5 Kloyvllch
Ali S.Khayrallah

(SEAL)

STATE OF NORTH CAROLINA)) ss: COUNTY OF WAKE)

Before me personally appeared Ali S. Khayrallah 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 _/8^2 day of _________, 2000.

Barbon G. Kreedeworld
Notary Public

SEAL

My Commission Expires: March 1, 2003

IN WITNESS WHEREOF, I have hereunto set my hand and seal on this 1844 day of December, 2000. Gregory E. Bottomley (SEAL)
STATE OF NORTH CAROLINA)
COUNTY OF WAKE)
Before me personally appeared Gregory E. Bottomley 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 18th day of least been,
2000.
Boubarn a. Streetersel
SEAL
Danch 1 7003

My Commission Expires: 18194-386IP

RECORDED: 12/20/2000