ASSIGNMENT RECORDATION FORM CO MRD 11.24.49

To the Honorable Commissioner of Patents and Tradema

12-13-1999

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November 24, 1999

Please record the attached original documents or copy thereof.	Attorney Docket No. 6174-363
Name of conveying party(ies): Dennis Hui Kambiz C. Zangi Rajaram Ramesh	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: November 23, 1999	
Execution Pate. November 23, 1999	Additional name(s) & address(es) attached? Yes X No
4 Application Serial No. 09 1450684 Patent No. If this document is being filed together with a new application, t is: November 23, 1999 Additional numbers attached? Yes X No 5. Name and address of party to whom correspondence concerning document should be mailed: Scott C. Hatfield Myers Bigel Sibley & Sajovec P. O. Box 37428 Raleigh NC 27627	he execution date of the application 6. Total number of applications and patents involved: 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 is true and correct and any attached copy is a true copy of the original document. Robert W. Glatz 36,811 November 24, 1999 Name of Person Signing Total number of pages including cover sheet, attachments and document: 5	

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PATENT REEL: 010428 FRAME: 0709

ASSIGNMENT

THIS ASSIGNMENT, made by Dennis Hui, a citizen of Honk Kong, residing at 2407 Highstone Road, Cary, North Carolina, Kambiz C. Zangi, a citizen of the United States of America, residing at 6 Colton Court, Durham, North Carolina, and Rajaram Ramesh, a citizen of India, residing at 403 Danton Drive, Cary, North Carolina;

WITNESSETH: That,

WHEREAS, We are the inventors of certain new and useful improvements in METHODS, RECEIVER DEVICES AND SYSTEMS FOR WHITENING A SIGNAL DISTURBANCE IN A COMMUNICATION SIGNAL 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.

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.

PATENT REEL: 010428 FRAME: 0710 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 <u>23</u> day of Neveraber, 1999.

Dennis Hui (SEAL)

STATE OF NORTH CAROLINA)

COUNTY OF Wake)

Barbara G. Zrieberall
Notary Public

SEAL

My Commission Expires: March 1, 2003

8194-385

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PATENT REEL: 010428 FRAME: 0711

IN WITNESS WHEREOF, I have hereunto set my hand and seal on this 23 day of November, 1999. Kambiz C. Zangi STATE OF NORTH CAROLINA COUNTY OF Wake Before me personally appeared Kambiz C. Zangi, 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 <u>23</u> day of <u>November</u> Barbara a. Lruduvell
Notary Public 1999. **SEAL**

My Commission Expires: Much 1, 2003

8194-385

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PATENT 'REEL: 010428 FRAME: 0712

IN WITNESS WHEREOF, I have hereunto set my hand and seal on this 25 day
of Novenbur, 1999. Rajaram Ramesh (SEAL)
STATE OF NORTH CAROLINA)
COUNTY OF Wake) ss:
Before me personally appeared Rajaram Ramesh, 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 23rd day of
1999.
Barbar Q. Frederick Notary Public
SEAL
My Commission Expires: March 1, 2003

8194-385

RECORDED: 11/24/1999

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PATENT
* REEL: 010428 FRAME: 0713