To the Honorable Comn Please record the attache

101107531

1. Name of conveying party(ics):

Kim Rutkowski **Gerard James Hayes** 

7/22/99	P.O. Box 13969 Research Triangle Park, NC 27709
Additional name(s) of conveying party(ics) attached? Yes _X_ No	_
3. Nature of conveyance:	
X Assignment  Merger Security Agreement Change of Name Other Execution Date: July 20, 1999	Additional name(s) & address(es) attached? Yes X No
4. Application Serial No Patent No	
If this document is being filed together with a new applicatio is: July 22, 1999  Additional numbers attached? Yes X No	n, the execution date of the application
Name and address of party to whom correspondence	6. Total number of applications and patents involved: 1
concerning document should be mailed:	7. Total fee (37 CFR 3.41) \$_40.00
Needham J. Boddie, II, Esq.  Myers Bigel Sibley & Sajovec, P.A.  P. O. Box 37428	X Enclosed Authorized to be charged to deposit account
Raleigh NC 27627	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 inform of the original document.	ation is true and correct and any attached expy is a true copy
Needham J. Boddie, II Reg. No. 40,519	LJ Bodd-II Jan 22, 1999
Name of Person Signing Total number of pages including cover sheet, attachments and d	✓ Signature Date

**ON FORM COVER SHEET** Patents Only

2. Name and address of receiving party(ies):

Attorney Dkt: 8194-312

July 22, 1999

Ericsson Inc.

7001 Development Drive

## ASSIGNMENT

THIS ASSIGNMENT, made by us, **Kim Rutkowski**, a citizen of the United States of America, residing at 1819 1/2 White Oak Road, Raleigh, North Carolina 27608; and **Gerard James Hayes**, a citizen of the United States of America, residing at 209 Lilliput Lane, Wake Forest, North Carolina 27587, respectively;

WITNESSETH: That.

WHEREAS, we are the joint inventors of certain new and useful improvements in FLAT DUAL FREQUENCY BAND ANTENNAS FOR WIRELESS

COMMUNICATORS for which an application for United States Letters Patent has been executed by us 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, we 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 provisionals, 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.

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

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

We further covenant and agree to bind our heirs, legal representatives, and assigns promptly to communicate to said assignee or its representatives any facts known to us 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.

assignee, its success	bors, assigns, and other regar representatives.	
IN WITNES	SS WHEREOF, I have hereunto set my hand a	nd seal on this 20th day
of July	, 1999.	
	Min Puthouth	(SEAL)
	Gerard James Hayes	(SEAL)

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

Notary Public

**SEAL** 

My Commission Expires On March 4, 2003

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PATENT REEL: 010130 FRAME: 0596

My Commission Expires: