<b>A</b> ;	10-14-1998
To the Honorable Commissioner Please record the attached origin	100850306
1. Name of conveying party(ies):	

## **DRM COVER SHEET** Patents Only

To the Honorable Commissioner Please record the attached origin.	Doer 5, 1998 Attorney Dkt: 8194-159		
1. Name of conveying party(ies):  Seung Kil Kim Gerard James Hayes  1. Name of conveying party(ies):	2. Name and address of receiving party (ies): 37  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: June 12, 1998			
	Additional name(s) & address(es) attached?Yes X_No		
<ol> <li>Application Serial No. <u>09/073,585</u> Patent No</li></ol>	6. Total number of applications and patents involved: 1  7. Total fee (37 CFR 3.41) \$		
DO NOT USE THIS STACE			
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.			
Needham J. Boddie, II Reg. No. 40,519  Name of Person Signing  Total number of pages including cover sheet, attachments and document: 3  Needham J. Boddie, II Reg. No. 40,519  Signature  Date			

**PATENT REEL: 9496 FRAME: 0891** 

## ASSIGNMENT

THIS ASSIGNMENT, made by us, **Seung Kil Kim**, a citizen of the United States of America, residing at 108 Chesley Court, Chapel Hill, North Carolina 27514; and **Gerard James Hayes**, a citizen of the United States of America, residing at 207 Abercrombie Road, Wake Forest, North Carolina 27587; and, respectively;

WITNESSETH: That.

WHEREAS, we are the joint inventors of certain new and useful improvements in RETRACTABLE ANTENNA SYSTEMS WITH SWITCHABLE IMPEDANCE MATCHING 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.

1

PATENT REEL: 9496 FRAME: 0892 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.

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 day
of Jane, 1998.  Seung Kil Kim  (SEAL)
Gerard James Hayes (SEAL)
STATE OF NORTH CAROLINA ) ) ss:
COUNTY OF WAKE )
Before me personally appeared Seung Kil Kim and Gerard James Hayes to me
known to be the persons described in and who executed the foregoing instrument, and they
acknowledged to me that they executed the same for the purposes therein stated, this 12 th
day of June , 1998.
Notary Public

SEAL

My Commission Expires: 1-19-2003

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07-07-1998



COVER SHEET Pate

Attorney Dkt:

To the Honorable Commiss: Please record the attached or

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Tune 16, 11998

1. Name of conveying party(ies): 2. Name and address of receiving party(ies): Seung Kil Kim **Gerard James Hayes** 

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	

Additional name(s) & address(es) attached? \_\_\_ Yes X No

If this document is being filed together with a new application, the exec is: June 16, 1998	cution date of the application

Patent No. \_

Yes X No 5. Name and address of party to whom correspondence concerning document should be mailed:

Needham J. Boddie, II, Esq. Myers Bigel Sibley & Sajovec, P.A. P. O. Box 37428 Raleigh NC 27627

Execution Date: June 12, 1998

Additional numbers attached?

4. Application Serial No.

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: 50-0220

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/06/1998 BCDATES 00000077 MYERS BIGEL SIB FC:581 40.00 OP

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.

Needham J. Boddie, II -- Reg. No. 40,519

June 16, 1998

Name of Person Signing Total number of pages including cover sheet, attachments and document: 3

> **PATENT REEL: 9496 FRAME: 0894**

**RECORDED: 06/19/1998**