ASSIGNMENT RECORDATION

03-12-2001



s Only

To the Honorable Commissioner of Patent	101634108	February 16, 2001 Attorney Docket No. 8194-486
Please record the attached original documents	or copy thereof.	1200 may Docket 110. 0177-700
1. Name of conveying party(ies):	2. Name and address of	receiving party(ies):
Gerard James Hayes Robert Sadler	Telefonaktiebolaget Telefonplan, S-126 2 Stockholm, Sweden	
Additional name(s) of conveying party(ies) attached?	Yes X No	20.00
3. Nature of conveyance:		09/ 09/
X Assignment		<u> </u>
Merger Security Agreement		
Change of Name		
Other Execution Date: February 15, 2001		
Execution Date: February 15, 2001	Additional name(s) & address	s(es) attached? Yes X No
4. Application Serial No Pater	•	
If this document is being filed together with	a new application, the execution date of the ap	plication
is: February 16, 2001	,	P
Additional numbers attached? Yes X	No 09/785 822	•
		lications and patents involved: 1
5. Name and address of party to whom correspondering document should be mailed:	· · · · · · · · · · · · · · · · · · ·	
USPTO Customer No. 20792 Needham J. Boddie, II	7. Total fee (37 CFR 3.4 X Enclosed	\$40.00
Myers Bigel Sibley & Sajovec, P.A.		be charged to deposit account
Post Office Box 37428		
Raleigh, North Carolina 27627	8. Deposit account num	ber: 50-0220
DO NOT LICE THE SDAO	F	
DO NOT USE THIS SPACE	E	
of the original document.	foregoing information is true and correct and \mathcal{L}	
Needham J. Boddie, II, Reg. No. 40,519	Much J Bodo !!	<u> </u>
Name of Person Signing	Total number of pages including c	over sheet, attachments and document: 4
TO TORRE HARMING		
02/26/2001 WABRHAM1/ 00000047 09785822		
94 FC:581 40_00 0P		
<i>J</i>		

PATENT REEL: 011561 FRAME: 0200

ASSIGNMENT

THIS ASSIGNMENT, made by us, **Gerard James Hayes**, a citizen of the United States of America, residing at 209 Lilliput Lane, Wake Forest, North Carolina 27587; and **Robert Sadler**, a citizen of the United States of America, residing at 8905 Blakehurst Drive, Raleigh, North Carolina 27617;

WITNESSETH: That,

WHEREAS, we are the joint inventors of certain new and useful improvements in

ANTENNA SYSTEMS INCLUDING INTERNAL PLANAR INVERTED-F

ANTENNAS COUPLED WITH RETRACTABLE ANTENNAS AND WIRELESS

COMMUNICATORS INCORPORATING SAME for which an application for United

States Letters Patent has been filed, or is being filed concurrently, in the United States Patent and Trademark Office. We hereby authorize and request 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 or to file this Assignment concurrently with the application; and

WHEREAS, **Telefonaktiebolaget L.M. Ericsson**, a corporation organized under the laws of Sweden, having registered offices at Telefonplan, S-126 25 Stockholm, Sweden, 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 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 or other forms of protection thereof which may be granted therefor or thereon, for the full end of the term for which said Letters Patent may be granted along with any term extensions thereon or therefor, 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

Page 1 of 3

PATENT REEL: 011561 FRAME: 0201 fully and entirely as the same would have been held and enjoyed by us 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 promptly 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; and we hereby instruct, and further covenant and agree to bind our heirs, legal representatives, and assigns, to do same, without further compensation, but at the expense of said assignee or its representatives.

IN WITNESS WHEREOF, we have hereunto set our hands and seals on this __15_______, day of __February__________, 2001.

CEDADO JAMES HAVES (SEAL)

Page 2 of 3

STATE OF NORTH CAROLINA)
COUNTY OF Wake) ss:
Before me personally appeared, Gerard James Hayes, the person described in and
who executed the foregoing instrument, and he acknowledged to me that he executed the
same for the purposes therein stated, this 15 day of Sebruary, 2001.
who executed the foregoing instrument, and he acknowledged to me that he executed the same for the purposes therein stated, this /5 day of
SEAL Notary Public
My Commission Expires: March 1, 2003
IN WITNESS WHEREOF, we have hereunto set our hands and seals on this 15 day of Lebruary 2001.
ROBERT SADLER (SEAL)
STATE OF NORTH CAROLINA)
COUNTY OF Wake) ss:
Before me personally appeared, Robert Sadler, the person described in and who
executed the foregoing instrument, and he acknowledged to me that he executed the same for
the purposes therein stated, this 15 day of Scharz Q Luckerul Notary Public
Notary Public
SEAL Notary Fublic
My Commission Expires: Arch 1, 2003

Page 3 of 3

RECORDED: 02/16/2001

PATENT REEL: 011561 FRAME: 0203