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To the Honorable Commissioner of Paten thereof.	10109	1243	attached o	riginal docume	nte
GÖRAN HALL; CHRIS KANNAS; RICHARD PERSSON; and HANS-OLOF SUNDELL  Additional name(s) of conveying pattached? YesX_ No  3. Nature of conveyance: Assignment Me: Security Agreement Characteristics C	rger ange of Name	2. Name and add  Name: Tele  Internal Add  Street Addre  Additional name attached?	efonaktiel dress: ess: S-120	bolaget LM I  6 25 Stockho	Ficsson
4. Application number(s) or patent If this document is being filed to application is: May 27, 1999  A. Patent Application No.(s)  Additional		new applicatio	n, the ex	ecution dat	e of the
5. Name and address of party to ward correspondence concerning documbe mailed:	hom ment should	6. Total number involved:		ications and	d patents
Name: Richard J. Moura  JENKENS & GILCHRIST, P.C. 3200 Fountain Place 1445 Ross Avenue Dallas, Texas 75202-2799	_	7. Total fee (3  X Enclos  Author accour  8. Deposit account 10-0447 (1	sed rized to hat ount numb	be charged ter:	\$ 40.00 to deposit
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9. Statement and signature.  To the best of my knowledge an /12/1999 MACEXAND 00000020 19934 1165 a true co	d belief, the py of the orig	foregoing infor inal document.	emation is	true and c	correct and
Name of Person Signing  Total number of pages including	Signa cover sheet, a		document	: _Three (	Date

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents and Trademarks, Box Assignments

Washington, D.C. 20231

Attorney Docket No.

## ASSIGNMENT (Joint)

THIS ASSIGNMENT, by

HALL, Göran KANNAS, Chris PERSSON, Richard SUNDELL, Hans-Olof

residing at

Mogatan 55, SE-431 64 MÖLDAL, SWEDEN PL 3256 Ornunga, SE-447 93 VÅRGÅRDA, SWEDEN Eklanda skog 60, SE-431 49 MÖLNDAL, SWEDEN Box 17, Kalvsund, SE-430 90 ÖCKERÖ, SWEDEN

(hereinafter referred to as "the Assignors"), respectively, witnesseth:

WHEREAS, the Assignors have invented certain new and useful improvements in

## A METHOD AND AN ARRANGEMENT IN A MOBILE RADIO SYSTEM

( ) for which is a provisional application to	be filed I	herewith;	(X)	which is	a non	-pro	ovisior	na
application having an oath or declaration	executed	on even	date	herewith	prior	to	filing	of
application; ( ) bearing No.			, and	filed on			_	
			TANKA L.A.	_, and				

WHEREAS, Telefonaktiebolaget LM Ericsson (publ), a corporation duly organized under and pursuant to the laws of Sweden and having its principal place of business at SE-126 25 STOCKHOLM SWEDEN, (hereinafter referred to as "the Assignee") is desirous of acquiring the entire right, title and interest in and to said inventions, the right to file applications on said inventions and the entire right, title and interest in and to any applications, including provisional applications for Letters Patent of the United States or other countries claiming priority to said application, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon.

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, the Assignors have sold, assigned, transferred, and set over, and by these presents do sell, assign, transfer, and set over, unto the Assignee, its successors, legal representatives, and assigns the entire right, title, and interest in and to the above-mentioned inventions, the right to file applications on said inventions and the entire right, title and interest in and to any applications for Letters Patent of the United States or other countries claiming priority to said application, and any and all Letters Patent or Patents of the United States of America and all foreign countries that may be granted therefor and thereon, and in and to any and all applications claiming priority to said applications, divisions, continuations, and continuations-in-part of said applications, and reissues and extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by the Assignee, for its own use and behalf and the use and behalf of its successors, legal representatives, and assigns, to the full end of the term or terms for which Letters Patent or Patents may be ganted as fully and entirely as the same would have been held and enjoyed by the Assignors had this sale and assignment not been made;

AND for the same consideration, the Assignors hereby convenant and agree to and with the Assignee, its successors, legal representatives, and assigns, that, at the time of execution and

Page 1 of 2

delivery these presents, the Assignors is the sole and lawful owner of the entire right, title, and interest in and to the inventions set forth in said applications and said applications, including provisional applications, above-mentioned, and that the same are unencumbered, and that the Assignors have good and full right and lawful authority to sell and convay the same in the manner herein set forth;

AND for the same consideration, the Assignors hereby covenant and agree to and with the Assignee, its successors, legal representatives, and assigns that the Assignors will, whenever counsel of the Assignee, or the counsel of its successors, legal representatives, and assigns, shall advise that any proceeding in connection with said inventions or said applications for Letters Patent or Patents, or any proceeding in connection with Letters Patent for said inventions in any country, including interference proceedings, is lawful and desirable, or that any application claiming priority to said application, division, continuation, continuation-in-part of any applications for Letters Patent, or any reissue or extension of any Letters Patent to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement, and defense of Letters Patent for said inventions, without charge to Assignee, its successors, legal representatives, and assigns, but at the cost and expense of the Assignee, its successors, legal representatives, and assigns;

AND the Assignors hereby request the Commissioner of Patents to issue any and all said Letters Patent or Patents of the United States to the Assignee, as the Assignee of said inventions and the Letters Patent or Patents to be issued thereon for the sole use and behalf of the Assignee, its successors, legal representatives, and assigns.

Date	May	27,	1999	Signature of Assignor
				Göran Hall
Date	May	27,	1999	Signature of Assignor
				Chris Kannas
Date	May	27,	1999	Signature of Assignor
Date	May	27,	1999	Signature of Assignor MMS LIJS LUM
				Hans-Olof Sundell
Date				Signature of Assignor
Date				Signature of Assignor