07-13-1998 FORM PTV-1595 U.S. DEPARTMENT OF COMMERCE (Rev. 6/93) Patent and Trademark Office R **EET** 6-26-98 Attorney's Docket No. 010315-054 100761739 To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof. 1. Name of conveying party(ies): 2. Name and address of receiving party(ies): Martin LARSSON Telefonaktiebolaget L M Ericsson Address: S-126 25 Stockholm, Sweden Additional name(s) of conveying party(ies) attached? [] Yes [X] No 3. Nature of conveyance: [X] Assignment [] Merger [] Security Agreement [] Change of Name Additional name(s) & address(es) attached? [] Yes [X] No Other: _ Execution Date: May 22, 1998 4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: 06/26/98 A. Patent Application No.(s) B. Patent No.(s) Additional numbers attached? [] Yes [X] No 5. Name and address of party to whom correspondence concerning 6. Total number of applications and patents involved: 1____ document should be mailed: Name: Ronald L. Grudziecki 7. Total fee (37 CFR 3.41): \$40,00 Address: Burns, Doane, Swecker & Mathis, L.L.P. [X] Enclosed Post Office Box 1404 [X] Authorized to be charged to deposit account, if necessary /1998 bRASH Alexandria, Wirefair, 22313-1404 8. Deposit account number:

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FILE NO. U.S. PATENT APPLICATION ASSIGNMENT SOLE OR JOINT INVENTORS EXECUTED OUTSIDE U.S.A. WHEREAS, I (We), Martin Larsson Fackelrosgatan 26, S-653 45 KARLSTAD, Sweden as assignor(s), have invented certain improvements in " Method and arrangement relating to communications systems " Application No. $\,$, filed $\,$, which application number and filing date \overline{I} (we) hereby authorize and request my attorney to insert in this assignment when known. And whereas TELEFONAKTIEBOLAGET L M ERICSSON S-126 25 STOCKHOLM, Sweden as assignee, is desirous of acquiring all right, title and interest for the United States in and to said invention and any U.S. Patent that may be granted therefor. NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, I (We), as assignor(s), hereby sell, assign and set over to said assignee the entire right, title and interest for the United States in and to said invention and the aforesaid United States application for Patent, all original, divisional, continuation, substitute or reissue applications and patents applied for or granted therefor in the United States including all rights of priority from the filing of said application, and the Commissioner of Patents is hereby authorized and requested to issue all patents on said invention or resulting therefrom to said assignee herein, as assignee of the entire interest therein; and the undersigned for myself (ourselves) and my (our) legal representatives, heirs and assigns do hereby agree and covenant without further remuneration, to execute and deliver all divisional, continuation, reissue and other applications for Patent on said invention and all assignments thereof to said assignee or its assigns, to communicate to said assignee or its representatives all facts known to the undersigned respecting said invention, whenever requested, to testify in any interferences or other legal proceedings in which any of said applications or patents may become involved, to sign all lawful papers, make all rightful paths, and to do generally everything necessary to aid said assignee, its successors, assigns and nominees to obtain patent protection for said invention in the United States, the expenses incident to said applications to be borne and paid by said assignee. Dated:

PATENT

Martin Larsson