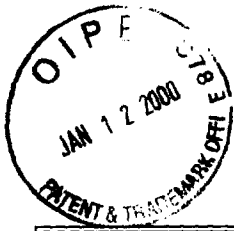


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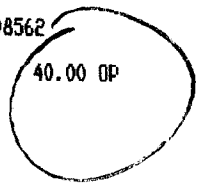
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Attorney Docket No. 200014	U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office
<b>RECORDATION FORM COVER SHEET PATENTS ONLY</b>	
To the Assistant Commissioner for Patents Please record the attached original documents or copy thereof.	
1. Name of conveying party(ies):  TELEFONAKTIEBOLAGET L M ERICSSON	
Additional name(s) of conveying party(ies) attached? Yes ___ No <u>XX</u>	
2. Name and address of receiving party(ies):  Name: NEW JAPAN RADIO CO., LTD.  Street Address: 3-10, Nihonbashi Yokoyama-cho Chuo-ku, Tokyo-to, Japan	
Additional name(s) & address(es) attached? Yes ___ No <u>XX</u>	
3. Nature of conveyance: Assignment  Execution Date: October 12, 1999	
4. Title: METHOD AND APPARATUS FOR CONTROLLING THE MAGNITUDE AND DIRECTION OF A CURRENT THROUGH A WINDING	
5. 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: _____ A. Patent Application No.                      B. Patent No. 4,908,562	
Additional numbers attached? Yes ___ No <u>XX</u>	

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6. Name and address of party to whom correspondence concerning document should be mailed:

Name: ARMSTRONG, WESTERMAN, HATTORI,  
MCLELAND & NAUGHTON  
1725 K Street, N.W., Suite 1000  
Washington, D.C. 20006

7. Total number of applications and patents involved: 1

8. Total fee (37 CFR 3.41). . . . . \$40.00

Enclosed

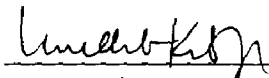
Authorized to be charged to Deposit Account

9. Deposit Account No.: **01-2340**  
(Two copies of this paper are attached.)

10. 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.

William G. Kratz, Jr.  
Name of Person Signing

  
Signature

January 12, 2000  
Date

22,631  
Registration No.

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

Rev. 2/97

77-2127

**U.S. ASSIGNMENT**

WHEREAS, TELEFONAKTIEBOLAGET L M ERICSSON, a corporation duly organized under the laws of Sweden, having an office and place of business at S 126 25 Stockholm, Sweden is the assignee of right, title and interest in and to any and all improvements in "METHOD AND APPARATUS FOR CONTROLLING THE MAGNITUDE AND DIRECTION OF A CURRENT THROUGH A WINDING", as described and claimed in United States Patent No. 4,908,562, issued March 13, 1990, by assignment recorded in the U.S. Patent and Trademark Office on December 21, 1988 at Reel 4992, Frame 0941.

WHEREAS, TELEFONAKTIEBOLAGET L M ERICSSON, hereinafter ASSIGNOR in this Assignment, wishes to assign and transfer to NEW JAPAN RADIO CO., LTD., a corporation duly organized under the laws of Japan, having an office and place of business at 3-10, Nihonbashi Yokoyama-cho, Chuo-ku, Tokyo-to, Japan, hereinafter ASSIGNEE in this Assignment, and said ASSIGNEE wishes to acquire the entire right, title and interest in, to and under said improvements and said United States Patent No. 4,908,562;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that in consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt whereof is hereby acknowledged, ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the full and exclusive right, title and interest to said improvements and said Letters Patent of the United States granted therefor and any continuation, divisional, renewal, substitute or reissue thereof for the full term or terms for which the same may be granted.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this Assignment and sale;

ASSIGNOR further covenants that it will, upon request by the ASSIGNEE promptly provide all pertinent facts and documents relating to said invention and said Letters Patent as may be known and accessible to ASSIGNOR and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain and enforce said improvements and said Letters patent which may be necessary or desirable to carry out the purposes hereof.

This assignment is effective as of June 11, 1999.

IN WITNESS WHEREOF, have hereunto set hand and seal this 12th day of October, 1999.

Assignor: TELEFONAKTIEBOLAGET L M ERICSSON

By: Sten Hedberg

NAME: Sten Hedberg

TITLE: IPR Director,  
Ericsson Components AB

**PATENT**