Form PTO-1595 Re	08-22-2002 U.S. Department of Commerce
-31-92 To the Assistant Commissioner for F	Patent and Trademark Office s or copy thereof.
Name of conveying party(ies)	102198187 /ing party(ies):
Shunsuke HIRANO Yasunori MIYAHARA	MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. 1006, Oaza Kadoma
Addit'l name(s) of conveying party(ies) attached? [] Yes [X] No	Osaka 571-0000 JAPAN
3. Nature of conveyance: [X] Assignment [] Security Agreement [] Change of name [] Other Execution Date: May 24, 2002	Addit'l. name(s) & address(es) attached? [] Yes [X] No
4. Application number(s) or patent number(s): If this document is being filed together with a new applic	ation, the execution date of the application is: August 15, 2002
A. Patent Application No. Additional numbe	B. Patent No.(s)
Additional numbe	rs attached? [] Yes [X] No
5. Name and address of party to whom correspondence concerning document should be mailed: Louis Woo, Esq. Law Offices of Louis Woo 1901 N. Fort Myer Drive Suite 501 Arlington State: VA Zip: 22209	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 [X] Charge deficiencies/credit overpayments to Deposit Account 50-0501
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<u>ASSIGNMENT</u>

In consideration of the premises and other good and valuable consideration in hand paid, the receipt and sufficiency of which is hereby acknowledged, the undersigned, Shunsuke HIRANO (2) Yasunori MIYAHARA (3) who have made a certain new and useful invention, hereby sell, assign and transfer unto MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. of 1006, Oaza Kadoma Kadoma-shi, Osaka 571-0000 Japan its successors and assigns (hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100 in the invention entitled DIRECT CONVERSION RECEIVER, MOBILE RADIO EQUIPMENT USING THE SAME, AND RF SIGNAL RECEIVING METHOD (a) for which an application for United States Letters Patent was filed on ______, and identified by United States Serial No. ______; or (b) for which an application for United States Letters Patent was executed on and the undersigned hereby authorize and request the United States Commissioner of Patents and Trademarks to issue any and all United States Letters Patent which may be granted therefor and any and all extensions, divisions, reissues, substitutes, renewals, continuations, or continuations-in-part thereof, and the right to all benefits under the International Convention for the Protection of Industrial Property to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agree that the attorneys of record in said application shall hereafter act on behalf of said ASSIGNEE; AND the undersigned hereby agree to transfer a like interest, and to render all necessary assistance in making application for and obtaining original, divisional, reissued or extended Letters Patent of the United States, upon request of the said ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, in and to any improvements, and applications for patent based thereon, growing out of or related to the said invention; and to execute any papers by the said ASSIGNEE, its successors, assigns and legal representatives, deemed essential to ASSIGNEE's full protection and title in and to the invention hereby transferred. SIGNED on the dates indicated aside our signatures: **INVENTORS** DATE SIGNED May 24, 2002 Name: Yasunori MIYAHARA May 24, 2002 3) Name: Name: Name: Name:

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