FORM PTO-1595	11-04-1		HEET	U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office		
MRO 10 26 . CR						
To the Honorable Commissioner of	100867568		attached original documents or copy thereof.			
1. Name of conveying party(ies):		2. Name and	address of	receiving party(ies):		
Hiroki Sato Additional name(s) of conveying party(ies) attached? Ves No			<mark>atsushita E</mark> l ld re ss:	lectric Industrial Co., Ltd. 2		
			Gress			
3. Nature of Conveyance:						
🛛 Assignment 🛛 M	Aerger	Street Addre	ess: <u>1006, F</u>	Kadoma, Kadoma-shi		
	hange of Name			te: JAPAN Zip: _		
Other Execution Date: October 20, 1998_		Additional name(s) of receiving party(ies) attached? 🗆 Yes 🛛 No				
 4. Application number(s) or patent number(s) If this document is being filed together with A. Patent Application No.(s): 		, the execution da	ate of the appli nt No.(s):	ication is: <u>October 20, 1998</u>		
Additional number(s) attached? Ves No						
5. Name and address of party to whom correconcerning this document should be maile		6. Total numbe:	r of applicatio	ons and patents involved: <u>1</u>		
Name: <u>Jeffrey J. Sopko</u>						
Street Address: 1200 Leader Build	ling			1)\$ <u>40.00</u> E		
		🖾 Enclos	sed			
		□ Author	rized to be cha	arged to Deposit Account		
I		8. Deposit Acco	ount No.			
City: <u>Cleveland</u> State: <u>OH</u> Zip:	: <u>44114-1401</u>), Order No cate copy of this pa	5. 31130 age if paying by deposit account)		
/30/1998 TSTUKES 00000025 091/85//	DO NOT USE	THIS SPAC	'F.			
FC:501 40.00 cp Do Not Cold This birthed 9. 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.						

PATENT REEL: 9551 FRAME: 0438

ASSIGNMENT

WHEREAS, new and useful improvements have been made by the undersigned in

RADIO COMMUNICATION APPARATUS

and are the subject of a patent application prepared for filing in the United States Patent and Trademark Office, and executed by the undersigned on the dates indicated below in the appropriate spaces to the left of the signatures of the undersigned, which application is further identified as Pearne, Gordon, McCoy & Granger Docket No. $\frac{31130}{2}$.

WHEREAS, ______, a corporation of ______, having a place of business at 1006, Kadoma, Kadoma-shi, Osaka 571 Japan _____,

hereinafter referred to as "assignee", is desirous of acquiring all right, title, and interest throughout the world in, to, and under said improvements and inventions and patent rights therefor.

NOW, THEREFORE, be it known that, for valuable consideration, the receipt and sufficiency of which are hereby acknowledged, all right, title, and interest, in the United States and throughout the world, in, to and under said improvements and inventions and all patents, patent applications, patent rights, and inventor's certificates thereof, therefor, and therein, including without limitation said application for patent in the United States, all divisions and continuations thereof, all patents which may be granted thereon, all reissues and extensions thereof, all right to sue for past infringement thereunder, all patents which may be granted for said improvements and inventions by states or nations other than the United States, or by other authority, entity, or organization, and all applications therefor, have been and are hereby sold, assigned, transferred, and delivered unto assignee, its successors and assigns; and it is covenanted and agreed by the undersigned, and for executors, administrators, and legal representatives of the undersigned, that at assignee's request any and all applications, affidavits, assignments, and other instruments will be made, executed, and delivered as may be necessary, or desirable to secure for or vest in assignee, its successors or assigns, any improvement, inventions, right, title, interest, application, patent, patent right or other right or property covered by this assignment, and the United States Commissioner of Patents and Trademarks is hereby requested and authorized to issue any and all United States patents granted on any of said applications to assignee as owner of the entire right, title, and interest in, to, and under the same, and appropriately empowered officials of foreign countries are hereby authorized to issue any letters patent granted on any of said applications to assignee as owner of the entire right, title and interest in, to, and under the same.

The undersigned hereby grants the firm of Pearne, Gordon, McCoy & Granger the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

PGM&G PT605

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IN WITNESS WHEREOF, this assignment has been executed below by the undersigned:

	Date 1 Signed Declaration	Today"s Date	
	October 20, 1998	October 20, 1998	Hiroki Sato
Witness			Name: Hiroki SATO
Witness		Tsunashimanishi, 223-0053 Japan	Kohoku-ku, Yokohama-shi,
		:	
	Date I Signed Declaration	Today's Date	
		•	
Witness			Name:
13724	Address:		
Witness		:	
	Date 1 Signed Declaration	Taday's Date	
Witness		<u> </u>	Name:
Witness	Address:		
	Date I Signed Declaration	Today's Date	-
Witness			Name:
	Address:		Tranc.
Witness	Audress.		
PGM&G PT605			
100			Page 2 of 2

RECORDED: 10/26/1998

PATENT REEL: 9551 FRAME: 0440