	FORM PTO-1595 (modified)  RECORDATION PATE  Assistant Commissioner for Patents: Please record the conveying party(ies):	05-18-1999 101038409 2. Name and address of rece	U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office 2 0 APR 1999  JS) thereof.  eiving party(ies):
	Kazunari YAMAGUCHI		ric Industrial Co., Ltd. aza Kadoma, Kadoma-shi, 171-8501 Japan
	Additional name(s) of conveying party(ies) attached? No  3. Nature of conveyance:  X Assignment Merger Security Agreement Change of Name Other		
	Execution Date: March 3, 1999	Additional name(s) & address(es) at	ttached? <u>No</u>
	If this document is being filed together with a new application, the  A. Patent Application No.(s)	B. Patent No.(s)	
	Additional numbers attached? <u>No</u>		
	5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of application	ons and patents involved: $\underline{1}$
	Name: WENDEROTH, LIND & PONACK, L.L.P.	7. Total fee (37 C.F.R. § 3.4	11) \$ <u>40.00</u>
4/22/19	Internal Address: Attn: Mr. Jeffrey Nolton  99 WCLAYIND 0000044 0234454 Street, N.W., Suite 800	X Enclosed [Check No.	rged to deposit account
? FC:	Street Address: 2030-K Street, IN.W., Suite 800	8. Deposit account number:	23-0975
	City: Washington, D.C. ZIP: 20006	(Attach duplicate copy of this p	age if paying by deposit account)
	DO NOT USE THIS SPACE		
	9. Statement and signature.  To the best of my knowledge and belief, the foregoing information the original document.  Jeffrey Nolton, Reg. No. 25,408  Name of Person Signing  Total number of		ril 20, 1999
	Mail documents to be recorded with required cover sheet infurmation in the TO CHARGE ANY DEFICIENCY IN THE Commissioner of Patents and Trademarks  Box Assignments  Washington, D.C. 20231  Mail documents to be recorded with required cover sheet infurmation in the Infurmation in the Count in the Tourist Inc. 23-0975.		

ATTACHMENT "E"

REEL: 9945 FRAME: 0805

## ASSIGNMENT

In consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned	
Kazunari YAMAGUCHI	
the undersigned hereby sell(s) and assign(s) to	
MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.	
of 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 JAPAN	
(hereinafter designated as the Assignee) the entire right, title and interest for the United States as defined in 35 USC 100, in the invention known as	
SYNCHRONIZING SIGNAL GENERATOR	
for which an application for patent in the United States has been executed by the undersigned on	
March 3, 1999	

The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division or reissue thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.

The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patents of the United States resulting from said application or any division or divisions or continuing or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

PATENT REEL: 9945 FRAME: 0806 The undersigned hereby grant(s) the firm of WENDEROTH, LIND & PONACK, L.L.P., 2033 K Street, N.W., Suite 800, Washington, DC 20006, 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 Office for recordation of this document.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date <u>March 3, 1999</u> , Nam	ne of Inventor Karunari Vanaguchi Karunari VANAGUCHI
Date, Nan	ne of Inventor
	ne of Inventor
	ne of Inventor
	ne of Inventor
Date, Nan	ne of Inventor
tion by the Inventor(s) should be witnes	oly be acknowledged before a United States Consul. If not, then the execused by at least two witnesses who sign here.)
Witness <u>Lauhi</u>	ro Yamadir
Witness Jakah	re Yamaila sa Hataro
	I(s) who executed the foregoing assignment, who did acknowledge to m (their) own free will for the purposes therein set forth.
	Official Signature
SEAL	Official Title
The above application may be	more particularly identified as follows:
U.S. Application Serial No.	Filing Date
	88PCT Atty Docket No
Title of Invention SYNCHRONIZING	

**RECORDED: 04/20/1999** 

PATENT REEL: 9945 FRAME: 0807