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To the Honorable Assistant Secretary thereof.	and Commissioner of Patent	s and Trademarks: F	Please reco	rd the attached original docum
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Shigetaka KASUGA; Takumi YAM Takahiko MURATA	AGUCHI; and SEP 1 6 2004	N		: Industrial Co., Ltd.
Additional name(s) of conveying party(ies) atta 3. Nature of conveyance:	ached? No	Street Address:		a Kadoma, Kadoma-shi, 1-8501, Japan
X Assignment Security Agreement Other Execution Date: August 26, 2004	Merger Change of Name	Additional name(s) & ac	ldress(es) att	ached? <u>No</u>
Application number(s) or patent number(s)	ımber(s):	<u> </u>		
If this document is being filed togeth A. Patent Application No.(s) 10/902,095, filed July 30, 200	••	e execution date of B. Patent No.(s) , issued	the applica	ation is:
	Additional numbers	attached? No		
Name and address of party to who concerning document should be m		6. Total number of	application	ns and patents involved: 1
Name: <u>WENDEROTH, LIND & PO</u> Attn: Michael S. Huppert , E		7. Total fee (37 CF	•	\$ <u>40.00</u> o 64137)
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9. Statement and signature. To the best of my knowledge and belied document. Michael S. Huppert, Reg. No. 40,268 Name of Person Signing	m: 101	upper	<u>Septen</u> Date	copy is a true copy of the originanber 16, 2004 ges including cover sheet:
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FEES FOR THIS PAPER TO DEPOSIT **ACCOUNT NO. 23-0975**

> **PATENT** REEL: 015790 FRAME: 0327

ASSIGNMENT

	In consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned Shigetaka KASUGA, Takumi YAMAGUCHI and Takahiko MURATA
Insert Name(s) of Inventor(s)	
Insert Name(s) of Assignee(s)	the undersigned hereby sell(s) and assign(s) to Matsushita Electric Industrial Co., Ltd.
Address	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
Title of Invention	SIGNAL TRANSMISSION CIRCUIT
Date of	for which an application for patent in the United States has been executed by the undersigned
Signing of Application	onAugust 26, 2004

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.

The undersigned hereby grant(s) the firm of WENDEROTH, LIND & PONACK, L.L.P., 2033 K Street, N.W., Suite 800, Washington, D.C. 20006-1021, 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.

PATENT REEL: 015790 FRAME: 0328

name(s).	ecuted by the undersi	gned on the date(s) op	posite the undersigned
Date August 26, 2004	, Name of the In	ventor <u>Shigetaka</u>	Kasuga
Date August 36, 200	$\frac{94}{4}$, Name of the In	ventor <u>Takumi</u>	Yamaguchi
Date august 26, 200	4, Name of the In	ventor Takahiko	murata
Date			
Date	, Name of the In	ventor	
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Date	, Name of the In	ventor	
Date	, Name of the In	ventor	
This	ACKNOWLI ss day of		, before me
personally came the above-nar foregoing assignment, who did free will for the purposes there	acknowledge to me t	nown as the individual hat he (they) executed	(s) who executed the the same of his (their) own
SEAL		Official	Signature
		Official	Title
The above application i	nay be more particul	arly identified as follow	vs:
U.S. Application Serial No.	10/902,095	Filing Date	July 30, 2004
Applicant Reference Number	FP04001	Atty Docket No.	2004-1205A
Title of Invention			

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PATENT REEL: 015790 FRAME: 0329

RECORDED: 09/16/2004