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	20-03	2. Name and address	of receiving party(ies):
Ryo KURIBAYASHI, Kazuyoshi UMEN MORIMOTO and Michitaka ODA	MURA, Hiroyuki	Name: <u>Matsushita</u>	Electric Industrial Co., Ltd.
Additional name(s) of conveying party(ies) attached? NO		Street Address: <u>1006, Oaza Kadoma, Kadoma-shi,</u> <u>Osaka, 571-8501 Japan</u>	
3. Nature of conveyance:			
<u> </u>	lerger hange of Name	Additional name(s) & addre	ss(es) attached? <u>NO</u>
4. Application number(s) or patent number	per(s):	. 1 . 2 . 1 . 2	(
If this document is being filed together		46848	
A. Patent Application No.(s)	with a now approach	B. Patent No.(s)	1 110 application 101 <u>/ togott 1/ 2000</u>
	Additional numbers	attached? <u>NO</u>	
5. Name and address of party to whom concerning document should be maile	·	6. Total number of ap	plications and patents involved: 1
Name: <u>WENDEROTH, LIND & PONACK, L.L.P.</u> <u>Attn: Charles R. Watts , Esq.</u>		7. Total fee (37 CFR 3.41) \$40.00	
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Charles R. Watts , Reg. No. 33,142	const	Valto	August 20, 2003
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1)			

P30069

ASSIGNMENT

In consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned

Insert Name(s)
of Inventor(s)

Ryo KURIBAYASHI, Kazuyoshi UMEMURA, Hiroyuki MORIMOTO and

Michitaka ODA

the undersigned hereby sell(s) and assign(s) to

Insert Name(s) of Assignee(s) Address 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

MAGNETIC CIRCUIT FOR LOUDSPEAKER, AND LOUDSPEAKER USING THE SAME

Title of Invention

for which an application for patent in the United States has been executed by the undersigned

on August 4, 2003

Date of Signing of Application

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: 014774 FRAME: 0031

	, executed by the undersig	gned on the date(s) opposite the undersigne	ed	
name(s).	ħ	7		
Date Aug. 4, 2003	Kyo	Muribagoshi of the Inventor: Ryo KURIBAYASHI		
		of the Inventor: Ryo KURIBAYASHI		
Date Aug. 4. 2003	Kas	Muyoshi Umemura of the Inventor: Kazuyoshi UMEMURA		
·	Name of			
Date Aug. 4. Zoa	3dire	oyuhi Morimoto		
	Name of	the Inventor: Hiroyuki MORIMOTO	_	
Date <u>Aug. 4. 202</u>	3 michi	taka) Ode)		
0	Name of	Name of the Inventor: Michitaka ODA		
then the execution by the	Inventor(s) should be with	owledged before a United States Consul. If nessed by at least two witnesses who sign h		
****	71.6.1	Tanaka		
Witness	- youre	Ianaka		
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This	day of	, 20, before me		
personally came the above as the individual(s) who ex	e-named kecuted the foregoing assig	to me personally known gnment, who did acknowledge to me that he for the purposes therein set forth.		
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	ion may be more particula	·		
		Filing Date January 14, 2003		
		Filing Date		
		Atty Docket No.		
Title of Invention MAGNET	IC CIRCUIT FOR LOUDS	PEAKER, AND LOUDSPEAKER USING THE	!	
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