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04-23-2004 U.S. DEPARTMENT OF COMMERCE FORM PTO-1595 (Modified) (Rev. 03-01) Patent and Trademark Office OMB No. 0651-0027 (exp.5/31/2002) P08A/REV03 Tab settings -102728453 To the Director of the United States Patent a 1. Name of conveying party(ies): Name and address of receiving party(ies): **Naoto MARUTA** Name: FUNAI ELECTRIC CO., LTD. Address: 7-1, 7-Chome Nakagaito, Daito-shi, ☐ Yes ☒ No Additional names(s) of conveying party(ies) 3. Nature of conveyance: ☑ Assignment Merger City: Osaka Change of Name State/Prov.: ☐ Security Agreement Country: JAPAN ZIP: Other Execution Date: 02/19/2004 ☐ Yes ⊠ No Additional name(s) & address(es) Application number(s) or patent numbers(s): If this document is being filed together with a new application, the execution date of the application is: Patent Application No. Filing date B. Patent No.(s) 01/27/2004 10/765,577 ☐ Yes 🛛 No Additional numbers 5. Name and address of party to whom correspondence 6. Total number of applications and patents involved: concerning document should be mailed: Name: Jonathan P. Osha 7. Total fee (37 CFR 3.41):....\$ 40.00 Registration No. 33,986 Enclosed - Any excess or insufficiency should be credited or debited to deposit account Address: OSHA & MAY L.L.P. Authorized to be charged to deposit account 1221 McKinney, Suite 2800 8. Deposit account number: 음 8 City: Houston 50-0591 State/Prov.: TX (Attach duplicate copy of this page if paying by deposit account) Country: USA ZIP: 77010 DO NOT USE THIS SPACE Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a Bue copy of the original document. April 19, 2004 Name of Person Signing Signature Total number of pages including cover sheet, attachments, and Mail documents to be recorded with required cover sheet information to: Mail Stop Assignment Recordation Services
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PATENT

REEL: 015236 FRAME: 0221

## ROSENTHAL & OSHA L.L.P.

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本証末尾に署名した者(以下、「発明者」という) は、適正・相当な対価を受領しており、それが十分な 対価であることを認識した上で、

(氏名または組織名)

(住所)

(以下「会社」という)と、その**承継人および譲受人** に対して、

(発明の名称)

という名称で知られ、アメリカ合衆国において末尾署名者が特許申請をした発明(以下、「発明」という)にかかるアメリカ合衆国(その属領、支配地を含むがこれに限らない)におけるすべての権利、権原および利権を、当該特許申請、その分割、継続、一部継続、再発行及び延長、並びに、それらに対して与えられる全ての米国特許証とともに譲渡する。かかる利権とは、「会社」、その承継人、譲受人、またはそれらの法的代理人の上記申請に対する、及び、特許証が与えられたときはそれに対する、本譲渡が行われなかった場合に「発明者」に対して特許証が与えられ、また延長されることにより享受しうると同一の期間にわたる完全な所有権を意味する。

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the undersigned individual(s) (referred to herein as "INVENTOR(S)") hereby assign, transfer and set over to:

FUNAI ELECTRIC CO., LTD. having the following address:

7-1, 7-Chome, Nakagaito, Daito-shi, Osaka, Japan

(referred to herein as "COMPANY"), its successors and assigns, the entire right, title, and interest for the United States of America (including without limitation its territories and possessions) in and to the invention known by the following title:

## SPEAKER

for which the undersigned has/have executed an application for patent in the United States of America (referred to herein as "INVENTION"), together with said patent application, all divisions, continuations, continuations-in-part, reissues, and extensions thereof, and all United States Letters Patent which may be granted therefor. Such interest represents the entire ownership of said applications and Letters Patent when granted and is to be owned by COMPANY, its successors, and assigns, or their legal representatives, for the full and entire term for which such Letters Patent may be granted or extended, as fully and entirely as the same would have been enjoyed by the INVENTOR(S) if this assignment had not been made.

さらに、本証末尾に署名した発明者は、それぞれ、 以下のとおり同意する。

- 1. 発明」に関するアメリカ合衆国における特許申請の出願に関して、更に必要な又は望ましく、適法かつ適切な書類に署名、執行すること。これには、上記申請及びそれらの分割、継続、一部継続、修正を全て含み、更に、それらに関するインターフェアレンス手続、その他「会社」が権限を保持するために必要もしくは望ましいものが含まれるが、その限りではない。
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本証末尾に署名した「発明者」は、それぞれ、本証の登記にあたりアメリカ合衆国特許商標庁の規則に従って必要もしくは望ましい識別情報を本譲渡証に挿入する権限をローゼンタール・アンド・オーシャ法律事務所に授与する。

In addition, the undersigned INVENTOR(S) each hereby agrees:

- To sign and execute any further documents which
  may be necessary or desirable, lawful and proper
  in connection with the prosecution of all
  applications for patent(s) on the INVENTION in
  the United States, including without limitation
  said application and all divisions, continuations,
  continuations in part, amendments thereof, and
  all interference proceedings associated therewith,
  or otherwise necessary or desirable to secure the
  title thereto to COMPANY;
- To execute all papers and documents and to perform all lawful acts which may be necessary in connection with claims to priority or otherwise under the International Convention for the Protection of Industrial Property or similar treaties or agreements;
- To perform all lawful affirmative acts which may be necessary to obtain the grant of a valid and enforceable patent to COMPANY;

The undersigned INVENTOR(S) each hereby authorizes and requests the Commissioner of Patents and Trademarks in the United States to issue any and all Letters Patent resulting from said application, including without limitation any division, continuation, continuation-in-part, or reissue thereof to COMPANY.

The undersigned INVENTOR(S) each hereby grants to the firm of ROSENTHAL & OSHA L.L.P. 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 Unites States Patent and Trademark Office for the recordation of this document.

## ROSENTHAL & OSHA L.L.P.

IN WITNESS WHEREOF, this Assignment

has been executed by each of the undersigned individuals on the date appearing by such individual's

以上を確認の上、下記の者が下記署名に並んで記された 日に各自署名して本譲渡証を発効させた。

10 2	WANTO MANTA	signature	
<i>ABY-Y   17, 201</i> 0 年月日	(署名) <b>NAOTO MAROTA</b> ESA (楷書): 丸田 直人	February 19, 2004	NAOTO HARUTA
	(署名)	Date	Name: Naoto MARUTA
年月日	氏名(楷書):	Date	Name:
	(署名)		
年月日	氏名(楷書):	Date	Name:
	(署名)	Date	Name:
年月日	氏名(楷書):	Dave	- Valle
	(署名)	Date	Name:
年月日	氏名(楷書):		
	(署名)	Date	Name:
年月日	氏名(楷書):		
本譲渡証はアメリカ合衆国のいずれかの州の公証人また		This Assignment may be signed before a Notar	
は下記に署名する2名の証人の面前で署名されるものと する。		Public for one of the States of the United States of before two witnesses who sign below:	
, 00	(署名)		
年月日	氏名(楷書):	Date	Name:
	(署名)	Date	Name:
年月日	氏名(楷書):		***************************************
	· · · · · · · · · · · · · · · · · · ·		
本譲渡証が	特許申請書と同時に提出 <u>されなかった</u> 場合、下	Where this Assign	ment is <u>not</u> filed concurrently with th
本譲渡証が 記識別情報	· · · · · · · · · · · · · · · · · · ·	Where this Assign	ment is <u>not</u> filed concurrently with the following identifying information
本譲渡証が 記識別情報	・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・	Where this Assign	ment is <u>not</u> filed concurrently with the thick that the following identifying information execution:

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