Docket No.: 04995/069001 07-18-2002 FORM PTO-1595 (Modified) HEET U.S. DEPARTMENT OF COMMERCE (Rev. 03-01) Patent and Trademark Office OMB No. 0651-0027 (exp.5/31/2002) P08A/REV03 Tab settings → → → 102159525 To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof. 2. Name and address of receiving party(ies): 1. Name of conveying party(ies): Takahiro KATAYAMA Toshihiro TAKAGI Name: FUNAI ELECTRIC CO., LTD. Address: 7-1, Nakagaito 7-chome, Daito-shi ☐ Yes 🛛 No Additional names(s) of conveying party(ies) 3. Nature of conveyance: ■ Assignment ☐ Merger _____ State/Prov.: __ ☐ Change of Name City: Osaka ☐ Security Agreement Country: JAPAN ZIP: Other Execution Date: June 18, 2002 ☐ Yes ⊠ No Additional name(s) & address(es) 4. 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: June 18, 2002 Patent Application No. Filing date B. Patent No.(s) ☐ 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 33,986 Registration No. ☒ Enclosed - Any excess or insufficiency should be credited or debited to deposit account Address: ROSENTHAL & OSHA L.L.P. Authorized to be charged to deposit account 1221 McKinney Street, Suite 2800 8. Deposit account number: 07/17/2002 AAHMED1 00000100 10188491 40.00 pp State/Prov.: Texas 01 FC:581 City: Houston 50-0591 7/P: 77010 (Attach duplicate copy of this page if paying by deposit account) Country: USA DO NOT USE THIS SPACE 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. Jonathan P. Osha

> Total number of pages including cover sheet, attachments, and Mail documents to be recorded with required cover sheet information to: **PATENT** Commissioner of Patents & Trademarks, Box Assignments

Washington, D.C. 20231

Name of Person Signing

REEL: 013084 FRAME: 0748

ASSIGNMENT

譲渡証

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, Nakagaito 7-chome, 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:

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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.

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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 出類に関して、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。
- 2. 工業所有権の保護に関する国際条約またはそれに類する条約や協定の下で優先権の主張その他のために必要な、書面、書類の執行及び合法的行為を遂行すること。
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本証末尾に署名した「発明者」は、それぞれ、アメリカ合衆 国特許商標庁長官に対して、当該特許申請(それに基づくす べての分割、継続、一部継続、再発行申請を含むがそれに限 らない)から生じるすべての特許証を「会社」に対して発行 するよう授権し、かつ、請願する。

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 くは望ましい裁別情報を本譲渡証に挿入する権限をローゼ ングール・アンド・オーシャ法律事務所に投与する。 In addition, the undersigned INVENTOR(S) each hereby agrees:

- 1. 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.

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		12	WITNESS WHEREOF, this
に各自署名して本籍機証を発効させた。		Assignment has been executed by each of the undersigned individuals on the date appearing by	
	(署名)	June 18, 2002	Takahin KATAYAMA
华月日	氏名(楷書):	Date	Takahiro KATAYAMA Print or Typed Name:
	(署名)	June 18,	Toshihiro Talkagi
华月日	氏名(搭書):	Date	Toshihiro TAKAGI Print or Typed Name:
	(署名)	111111111111111111111111111111111111111	
年月日	氏名(搭書):	Date	Print or Typed Name:
	(署名)		
年月日	氏名(精書):	Date	Print or Typed Name:
	(署名)		
年月日	氏名(楷書):	Date	Print or Typed Name:
	(岩名)		
年月日	氏名(楷書):	Date	Print or Typed Name:
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は		This Assignment may be signed before a Notary	
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		Public for one of the States of the United States	
る。		or before two	witnesses who sign below:
	(署名)		
作月日	氏名(搭書):	Date	Print or Typed Name:
	(署名)		
年月日	氏名(楷書):	Date	Print or Typed Name.
本譲渡証が特許申請むと同時に提出 <u>されなかった</u> 場合、下記 織別情報が <u>後に</u> 追加されるものとする。 米国申請シリアル番号: 申請日:		Where this Assignment is <u>not</u> filed concurrently with the patent application, the following identifying information may be added <u>after execution</u> : U.S. Application Serial No.: Filing Date:	

PATENT

REEL: 013084 FRAME: 0751

RECORDED: 07/02/2002