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FORM PTO-1595 (Modified) (Rev. 6-93) OMB No. 0651-0011 (exp.4/94) Copyright 1996-97 LegalStar		IEET	U.S. DEPARTMENT Patent and	OF COMMER Trademark Off
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To the Honorable Commissioner of Patents and Trader				copy thereof
1. Name of conveying party(ies): Shuji UMEDA	Name:	nd address of receiv FUNAI ELECTRIC 7-1, Nakagaito 7-0	CO., LTD.	9/962480 PTC
Additional names(s) of conveying party(ies)	No			
3. Nature of conveyance:				
🛛 Assignment 🗌 Merger				
Security Agreement Change of Nar	ne City: Os	aka	State/Prov.	.:
Other	Country:	JAPAN	ZIP:	
Execution Date: September 3, 2001	Additional na	ime(s) & address(es)	🗆 Yes	🖾 No
		Patent No.(s)		
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<u>ASSIGNMENT</u> 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)

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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:
 MULTI REMOTE CONTROL TRANSMITTER, VIDEO APPARATUS, AND FORMAT PRESET SUPPORT METHOD FOR SAME APPARATUS

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.

PATENT REEL: 012221 FRAME: 0173 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。

- 「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。
- 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。
- 3. 有効かつ強制力のある特許を「会社」が得るために必 要なあらゆる合法かつ積極的な行為をすること。

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:

- 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;
- 2. 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.

PATENT REEL: 012221 FRAME: 0174 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。

RECORDED: 09/25/2001

IN WITNESS WHEREOF, this Assignment has been executed by each of the undersigned individuals on the date appearing by such individual's signature

	(署名)	Sej 20	ptember 3 01	Shuizi Umeda
年月日	氏名(借書):		Date	Print or Typed Name
	(署名)			
年月日	氏名(楛書):		Date	Print or Typed Name:
	(署名)			
年月日	氏名(楷書):		Date	Print or Typed Name:
	(署名)			
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年月日	氏名(楷書):		Date	Print or Typed Name:
	(署名)			-
年月日	氏名(楷書):		Date	Print or Typed Name:
本譲渡証は	tアメリカ合衆国のいずれかの州の公証人または	1	This Assignr	nent may be signed before a Notary
下記に署名	名する2名の証人の面前で署名されるものとす	-	Public for on	e of the States of the United States
る。			or before two	o witnesses who sign below:
年月日	(著名) 氏名(搭書):		Date	Print or Typed Name:
	(署名)			
年月日	氏名(楷書):		Date	Print or Typed Name:
識別情報カ	ぶ特許申請書と同時に提出 <u>されなかった</u> 場合、下訴 ぶ <u>後に</u> 追加されるものとする。 √リアル番号:	3	with the identifying execution:	Assignment is <u>not</u> filed concurrently patent application, the following information may be added <u>after</u> tion Serial No.:
				ΡΔΤΕΝΤ

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REEL: 012221 FRAME: 0175