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Kazuo Nishinosono	Name: <u>Funai Electric Co., Ltd.</u> Internal Address: Street Address:			
attached?	No 7-1, Nakagaito 7-chome Daito-shi, Osaka 574-0013 JAPAN			
x Assignment Merger Security Agreement Change of Name	City:			
	State: Zip:			
Execution Date:December 27, 2005	Additional name(s) & Yes X No			
4. Application number(·i) or patent number(s):	• • •			
If this document is being file/I together with a new application, A. Patent Application No.(s): 11/267,567	the execution date of the new application is:B. Patent No.(s):			
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5. Name and address of µarty to whom correspondence concerning document should be mailed: Name: Jonathan P. Oslua OSHA · LIANG LLP Internal Address: Atty. Dkt.: 04995/253001 Street Address: 1221 McKinney St., Suite 2800 City: State: Zip: Houston TX 77010 DO NOT 1	6. Total number of applications and patents involved:			
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PATENT REEL: 017200 FRAME: 0687



Osha • Liang

<u>ASSIGNMENT</u> 該法証

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)

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:

(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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(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:

DRIVING CIRCUIT FOR COLD-CATHODE TUBE

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、本証未昭に署名した発明者は、それぞ れ、以下のとおり隠意する。

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- 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4/要な、書面、書類の執行及び合法的行為を送行すること。
- 有効かつ強制刀のある特許を「会社」が得るために必要なあらゆる含法かつ積極的な行為をすること。

本証末尾に署名し1:「発明者」は、それぞれ、アメ リカ合衆国特許商額庁長官に対して、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園特許商標庁の規則 に従って必要もしくは望ましい識別情報を本藤渡 証に挿入する権限をオーシャ・リャン法律事務所に 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;
- 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 OSHA \cdot LIANG LLP 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.

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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醸渡証を発効させた。

(**22 b**)

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

年月日	 氏名(棤書)	December 27, 2005	Kazuro Nishinosomo
		Date	Name ⁺ Kazuo NISHINOSONO
	(署名)		
年月日	氏名 (楷書)	— .	
		Date	Nemo:
	(署名)		
年月月	氏名(楷書);	Date	Name:
т и н		Date	14
_ _	(署名)	Date	Namo
年月日	氏名(棤書):	Lave	tautto.
	(<u>\</u>	Date	Name:
年月日	氏名(楷書);		
	(署名)	Date	Neme:
		_	
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 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。

	(署名)	
年月日	氏名(楷書):	
	(署名)、	
年月日	氏名 (楷書):	
本譲渡証が	、 一般の時に提出 <u>されなかった</u> 場合、	
下記識別情	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:		
OM. A come TR		3

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This Assignment may be signed before a Notary Public for one of the States of the United States or before two witnesses who sign below:

	Date	Name:
	Date	Name:
•	Where this Ass	ignment is not filed concurrently with the
	patent applicatio	on, the following identifying information may
	be added <u>after e</u> s	xecution
	U.S. Applicati	on Serial No.:
	Filing Date:	

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RECORDED: 01/17/2006