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1-11-06

1. Name of conveying party(ies):
Kosuke Kinoshita (12/16/2005) and Kentaro Eto
(12/16/2005)

Additional name(s) of conveying party(ies)
attached? Yes No

2. Name and address of receiving party(ies)
Name: Funai Electric Co., Ltd.
Internal Address: _____
Street Address: _____
7-1, Nakagaito 7-chome
Daito-shi, Osaka 574-0013
JAPAN
City: _____
State: _____ Zip: _____
Additional name(s) &
address(es) attached: Yes No

3. Nature of Conveyance:
 Assignment Merger
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 Other _____
Execution Date: in parentheses after inventor name

4. Application number(s) or patent number(s):
If this document is being filed together with a new application, the execution date of the new application is: December 16, 2005
A. Patent Application No.(s):
This application
B. Patent No.(s):

Additional numbers attached? Yes No

5. Name and address of party to whom correspondence
concerning document should be mailed:
Name: Jonathan P. Osha
OSHA · LIANG LLP
Internal Address: Atty. Dkt.: 04536/122001
Street Address:
1221 McKinney St., Suite 2800

City: Houston State: TX Zip: 77010

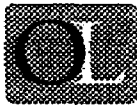
6. Total number of applications and
patents involved: 1
7. Total fee (37 CFR 3.41) \$ 40.00
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To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.
Thomas Scherer #45,079 [Signature] January 11, 2006
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Total number of pages including cover sheet, attachments, and documents: 4

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Dated: January 11, 2006 Signature: Debra V. Wieser (Debra V. Wieser)

01/13/2006 RFEKADU1 00000013 11329848 40.00 DP
04 FC:8021



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ASSIGNMENT

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（住所）

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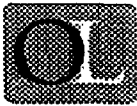
having the following address:

7-1, Nakagaito 7-chome, Daito-shi,
Osaka 574-0013 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:

Input Switching Apparatus and
Television Apparatus

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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;
3. 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 • 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 United 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譲渡証を発効させた。

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

December 16, 2005 Kosuke KINOSHITA
Date Name: Kosuke KINOSHITA

(署名)
年月日 氏名 (楷書):

December 16, 2005 Kentaro Eto
Date Name: Kentaro ETO

(署名)
年月日 氏名 (楷書):

(署名)
年月日 氏名 (楷書):

Date Name:

(署名)
年月日 氏名 (楷書):

Date Name:

(署名)
年月日 氏名 (楷書):

Date Name:

(署名)
年月日 氏名 (楷書):

Date 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下記に署名する2名の証人の前で署名されるものとする。

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:

(署名)
年月日 氏名 (楷書):

Date Name:

(署名)
年月日 氏名 (楷書):

Date Name:

本譲渡証が特許申請書と同時に提出されなかった場合、下記識別情報が後に追加されるものとする。

Where this Assignment is not filed concurrently with the patent application, the following identifying information may be added after execution:

米国申請シリアル番号:

U.S. Application Serial No.:

申請日:

Filing Date:

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