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U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

OMB No. 6514-0011(exp~4/94) 103105352 FN-US05526 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): (1) Hiroki ISHII Name: FUNAI ELECTRIC CO., LTD. Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No Internal Address: 3. Nature of conveyance: Street Address: 7-1, 7-chome, Nakagaito ☐ Security Agreement ☐ Change of Name City: Daito Prefecture: Osaka Country: JAPAN ZIP: 574-0013 Other Additional name(s) & address(es) attached? ☐ Yes ☒ No Execution Date: (1) 10/18/05 Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: (1) 10/18/05 B. Patent No.(s) A. Patent Application No.(s) 11/167,075 Additional Application numbers attached? ☐ Yes ☑ No 5. Name and address of party to whom correspondence 6. Total number of applications and patents involved: 1 concerning document should be mailed: Name: Shinjyu Global IP Counselors, LLP 7. Total fee (37 CFR 3.41) :..\$40.00 Internal Address: Authorized to be charged to deposit account Street Address: 1233 Twentieth Street, NW 8. Deposit account number: Suite 700 City: Washington State: D.C. ZIP: 20036 (Attach duplicate copy of this page if paying by deposit account) 10/19/2005 SZEWDIE1 00000064 11167075 DO NOT USE THIS SPACE 40.00 OF 01 FC:8021 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. Kiyoe K. Kabashima Name of Person Signing Total number of pages including cover sheet, attachments, and document:

Mail documents to be recorded with required cover sheet Information to:

Commissioner of Patents & Trademarks, Box Assignments

Washington, D.C. 20231

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PATENT REEL: 017101 FRAME: 0981

## FN-U8055026

## **ASSIGNMENT**

[Executed in Japan]
WHEREAS, Hiroki ISHII , a citizen of Japan residing at
c/o Funai Electric Co., Ltd. 7-1, 7-chome, Nakagaito, Daito, Osaka, 574-0013, Japan
hereinafter referred to as the Assignor(s), have invented certain new and useful improvements in
SPEAKER GRILLE, INJECTION MOLDING MOLD, AND BROADCAST DATA
RECEIVING DEVICE HAVING SUCH SPEAKER GRILLE
for which the Assignor(s) have executed an Application for United States Letters Patent
() Executed concurrently herewith
(X) Serial No. 11/167,075 Filed 06/27/2005.
AND HAIDDDAG DUNAL DI DONDIG GO, LOD
AND WHEREAS, FUNAI ELECTRIC CO., LTD. having its principal place
of business at 7-1, 7-chome, Nakagaito, Daito, Osaka, 574-0013, Japan
(hereinafter referred to as the Assignee), is desirous of acquiring the entire right, title, and interest
in and to said invention and said Application and in and to any Letters Patent or Patents, United
States or foreign as indicated below, to be obtained therefor and thereon:
NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which
is herewith acknowledged, the Assignor(s) sell, assign, and transfer, unto the Assignee, its
successors, legal representatives and assigns, the entire right, title, and interest in the United States
of America, and in all foreign countries, in, to and under said improvements, and said
Application, and all original, divisional, renewal, continuation, substitute, or reissue applications
thereof, including the right to sue and recover for any past infringement, and all rights of priority
from the filing of said Application; and the Assignor(s) hereby authorize and request the
Commissioner of Patents and Trademarks to issue all Letters Patent on said improvements or
resulting therefrom to said Assignee herein, as assignee of the entire interest therein, for the sole
use and behalf of said Assignee, its successors, and assigns, to the full end of the term or terms
for which Letters Patent or Patents may be granted.
Further, the Assignor(s) and their legal representatives, heirs, and assigns do hereby agree and
covenant without further remuneration that they will communicate to said Assignee, its
successors, legal representatives and assigns, any facts known to them respecting said
improvements whenever requested, and will testify in any interferences or other legal proceeding
in which any of said applications or Letters Patent may become involved, sign all lawful papers,
execute and deliver all divisional, continuing, reissue and other applications for Letters Patent on
said improvements and all assignments thereof to said Assignee or its legal representatives,
successors, or assigns, make all rightful oaths and generally do everything necessary to assist
said Assignee, its successors, legal representatives and assigns, to obtain and enforce proper
patent protection for said improvements in the U.S. and said countries, the expenses incident to
said applications to be borne and paid by said assignce.
The undersigned hereby grants the firm of Shinjyu Global IP Counselors, LLP the power to insert in
this Assignment any further identification which may be necessary or desirable to comply with the
rules of the U.S. Patent and Trademark Office for recordation of this Assignment.
Tules of the O.D. Tatent and Tragemark Office for recordation of this resignment.
IN TESTIMONY WHEREOF, the undersigned Assignor(s) have affixed their signatures.
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This 18 day of October, 2005 Signature Viroli 15hi

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RECORDED: 10/18/2005

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