502752904 04/03/2014

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT2799500

| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|-------------------|----------------|
| ATSUHIKO CHIKAOKA | 03/20/2014 |

RECEIVING PARTY DATA

| Name: | FUNAI ELECTRIC CO., LTD. |
|-----------------|--------------------------|
| Street Address: | 7-1, 7-CHOME, NAKAGAITO |
| City: | DAITO-SHI, OSAKA |
| State/Country: | JAPAN |
| Postal Code: | 574-0013 |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 14244458 |

CORRESPONDENCE DATA

Fax Number: (202)628-8844

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via

US Mail.

Phone: 202-624-2500

Email: lbuckler@crowell.com

Correspondent Name: CROWELL & MORING LLP

Address Line 1: 1001 PENNSYLVANIA AVENUE, NW

Address Line 4: WASHINGTON, DISTRICT OF COLUMBIA 20004

| ATTORNEY DOCKET NUMBER: | 102238.66444US |
|-------------------------|--|
| NAME OF SUBMITTER: | JEFFREY D. SANOK |
| SIGNATURE: | /Jeffrey D. Sanok/ |
| DATE SIGNED: | 04/03/2014 |
| | This document serves as an Oath/Declaration (37 CFR 1.63). |

Total Attachments: 1

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PATENT 502752904 REEL: 032597 FRAME: 0546

| Attorney Docket No | U.S. Rights |
|--|---|
| ASSIGNM | ENT AND DECLARATION UNDER 37 C.F.R. § 1.63 (For Use with Signed Application Data Sheet) |
| Title of Invention: | Projector and Electronic Device Having Projector Function |
| the attached ap the application | eclaration are directed to (check one): plication; identified by the attorney docket no. and title of invention given above; application or PCT International Application No, filed |
| • | ASSIGNMENT |
| | consideration, the receipt and sufficiency of which are hereby acknowledged, as a I have sold and assigned, and by these presents hereby sell and assign, unto: |
| Name of Assignee: | Funai Electric Co., Ltd. |
| Address of Assignce: | 7-1, 7-Chome, Nakagaito, Daito-shi, Osaka 574-0013, Japan |
| and to the above-ident continuations thereof, application or for said by said ASSIGNEE, it | E) all my right, title, and interest for the United States, its territories, and possessions in ified invention and United States patent application, including any and all divisions or and in and to any and all Letters Patent of the United States that may issue on any such invention, including any and all reissues or extensions thereof, to be held and enjoyed as successors, or assigns to the full end of the term or terms for which any and all such granted as fully and entirely as would have been held and enjoyed by me had this nade. |
| | request the Director of the U.S. Patent and Trademark Office to issue any and all such ASSIGNEE, its successors, or assigns in accordance herewith. |
| I warrant and covenan and assigned and that herewith. | that I have the full and unencumbered right to sell and assign the interests herein sold have not executed and will not execute any document or instrument in conflict |
| or assigns all informat and deliver any papers acts deemed necessary perfect title to said inv all Letters Patent that its successors, or assig | agree that I will communicate to said ASSIGNEE, its successors, legal representatives, ion known to me relating to said invention or patent application and that I will execute, make all rightful oaths, testify in any legal proceedings, and perform all other lawful or desirable by said ASSIGNEE, its successors, legal representatives, or assigns to ention, to said application including divisions and continuations thereof and to any and may be granted therefor or thereon, including reissues or extensions, in said ASSIGNEE ins, or to assist said ASSIGNEE, its successors, legal representatives, or assigns in renforcing Letters Patent of the United States for said invention. |

DECLARATION

As a below-named inventor, I hereby declare that:

The above-identified application was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. § 1001 by fine or imprisonment of not more than five (5) years, or both.

Signature: Inventor: Atsuhiko CHIKAOKA Atsuhiko CHIKAOKA

March 20,20/4
DATE

PATENT REEL: 032597 FRAME: 0547

RECORDED: 04/03/2014