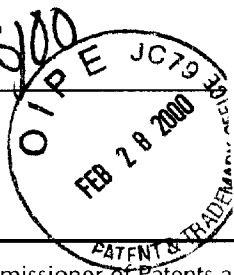


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U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents of copy thereof

1. Name of conveying party(ies):

Mitsuru TAKAMI
Takashi INOUE
Satoshi TANIGAWA

2. Name and address of receiving party(ies):

Name: Matsushita Electric Industrial Co., Ltd.

Internal Address:

Street Address: No. 1006, Oaza-Kadoma

Kadoma-shi

City: Osaka Country: JAPAN Zip:

Additional name(s) & address(es) attached? [] yes [x] no

3. Nature of conveyance:

- [x] Assignment [] Merger
[] Security Agreement [] Change of Name
[] Other

Execution Date: November 24, 1999

4. If this document is being filed together with a new application, the execution date of the application is:

If this document is not being filed together with a new application, application number(s) or patent number(s):

A. Patent Application No.(s)
29/112,726

B. Patent No.(s)

Additional numbers attached? [] yes [x] no

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Perry J. Saidman

Internal Address: SAIDMAN DesignLaw Group

Street Address: 1110 Bonifant Street, Suite 510

City: Silver Spring State: MD Zip: 20910

6. Total number of applications and patents involved: [1]

7. Total fee (37 CFR 3.41): \$ 40.00

[X] Enclosed

[] Authorized to be charged to deposit account

8. Deposit Account number:

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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 documents.

Perry J. Saidman

Signature

Date

Total number of pages comprising cover sheet: [1]

PATENT
REEL: 010617 FRAME: 0183

ASSIGNMENT BY INVENTOR(S)

In consideration of the sum of One Dollar (\$1.00), or equivalent, and other good and valuable consideration paid to each of the undersigned: Mitsuru Takami, Takashi Inoue and Satoshi Tanigawa

Name of Inventor(s)

the undersigned hereby sells(s) and assign(s) to:

MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.

(Assignee)

the entire right, title and interest:

- Check applicable box(es) ☒ for the United States of America
(as defined in 35 U.S.C. §100),
☐ and throughout the world, including the right to file foreign application(s) and
the right to claim priority from the corresponding U.S. application(s),

in the invention(s) known as Television receiver

(Title of Invention)

for which application(s) for patent in the United States of America has (have) been executed by the undersigned on

(also known as United States Application Serial No. 29/112,726

filed October 22, 1999), in any and all provisional and complete applications thereon, in any and all reissues, extensions, renewals, reexaminations, divisions and continuations of such applications or Letters Patent(s) to the full end of the term or terms for which such Letters Patent(s) issue, such entire right, title and interest to be held and enjoyed by the above-named Assignee the same as they would have been held and enjoyed by the undersigned had this assignment and sale not been made.

The undersigned agree(s) to execute all papers necessary in connection with the application(s) and any continuing, divisional, reissue, reexamination or corresponding application(s) thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning the application(s) or any continuation, division, reissue or reexamination thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with the interference.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.

The undersigned hereby covenant(s) that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict therewith.

The undersigned hereby grant(s) Perry J. Saidman, Esq., Registration No. 26,028, of SAIDMAN DesignLaw Group, 1110 Bonifant Street, Suite 510, Silver Spring, MD 20910, 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 recordation of this document.

IN WITNESS WHEREOF, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date: November 24, 1999

Signature of Inventor:

Mitsuru Takami

Date: November 24, 1999

Signature of Inventor:

Takashi Inoue

Date: November 24, 1999

Signature of Inventor:

Satoshi Tanigawa

Date: _____

Signature of Inventor:

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