07-29-2004 **PATENTS** TO 1 102801608 Please record the attached original uccument or copy thereof. Name of Party(ies) conveying an interest: 2. Name and Address of Party(ies) receiving an interest: TAKASHI INOUE Matsushita Electric Industrial TOSHIKAZU ASANUMA Name: Co., Ltd. MITSURU TAKAMI TATSUYOSHI ASAWA Internal Address: 1006 Oaza Kadoma **NORIAKI MORI** Street Address: TOMOHIRO OHBA City: Kadoma-shi Osaka, Japan/ 571-8501 State/Zip: Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No Additional name(s) and addresses attached? ☐ Yes ☒ No Description of the interest conveyed: Assignment ☐ Change of Name Other: ☐ Security Agreement ☐ Merger Execution Date: July 7, 2004 Application number(s) or patent number(s). Additional sheet attached? ☐ Yes ☒ No If this document is being filed together with a new application, the execution date of the application is: Date A. Patent Application No.(s) B. Patent No.(s) 29/203,314 Additional numbers attached? ☐ Yes No Name and address of party to whom correspondence 6. Number of applications and patents involved: 1 concerning document should be mailed: **BRINKS HOFER GILSON & LIONE** Total fee (37 CFR 3.41) \$40 P.O. BOX 10395 Enclosed CHICAGO, IL 60610 Authorized to be charged to Deposit Account No. (312)321-4200 Please charge any deficiencies in fee or credit any overpayment to Deposit Account No. 23-1925 DO NOT USE THIS SPACE 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.

Total number of pages including cover sheet, attachments, and document: 4

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Tadashi Horie, Reg. No. 40, 437

Name of Person Signing

01 FC:8021

PATENT REEL: 015608 FRAME: 0489

July 20, 2004

Date

## **ASSIGNMENT**

WHEREAS, <u>TAKASHI INOUE</u>, <u>TOSHIKAZU ASANUMA</u>, <u>MITSURU TAKAMI</u>, <u>TATSUYOSHI ASAWA</u>, <u>NORIAKI MORI</u>, and <u>TOMOHIRO OHBA</u>, hereinafter called the "Assignors", have made the invention described in the United States patent application entitled <u>TELEVISION RECEIVER</u>, for a full description of which reference is here made to an application for Letters Patent of the United States filed on <u>April 13, 2004</u>, and assigned Application Serial No. <u>29/203,314</u>;

WHEREAS, <u>Matsushita Electric Industrial Co., Ltd.</u>, a corporation organized and existing under the laws of Japan, having a place of business at 1006 Oaza Kadoma, <u>Kadoma-shi</u>, Osaka 571-8501, Japan, hereinafter called the "Assignee", desires to acquire the entire right, title and interest in and to the invention and the patent application identified above, and all patents which may be obtained for said invention, as set forth below;

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00), and other valuable and legally sufficient consideration, the receipt of which by the Assignors from the Assignee is hereby acknowledged, the Assignors have sold, assigned and transferred, and by these presents do sell, assign and transfer to the Assignee, the entire right, title and interest for the United States in and to the invention and the patent application identified above, and any patents that may issue for said invention in the United States; together with the entire right, title and interest in and to said invention and all patent applications and patents therefor in all countries foreign to the United States, including the full right to claim for any such application all benefits and priority rights under any applicable convention; together with the entire right, title and interest in and to all continuations, divisions, renewals and extensions of any of the patent applications and patents defined above; to have and to hold for the sole and exclusive use and benefit of the Assignee, its successors and assigns, to the full end of the term or terms for all such patents.

The Assignors hereby covenant and agree, for both the Assignors and the Assignors' legal representatives, that the Assignors will assist the Assignee in the prosecution of the patent application identified above; in the making and prosecution of any other patent applications that the Assignee may elect to make covering the invention identified above; in vesting in the Assignee like exclusive title in and to all such other patent applications and patents; and in the prosecution of any interference which may arise involving said invention,

PATENT REEL: 015608 FRAME: 0490 or any such patent application or patent; and that the Assignors will execute and deliver to the Assignee any and all additional papers which may be requested by the Assignee to carry out the terms of this Assignment.

The Commissioner of Patents and Trademarks is hereby authorized and requested to issue patents to the Assignee in accordance with the terms of this Assignment.

IN TESTIMONY WHEREOF, the Assignors have executed this agreement.

DATE:	JUL7. 2004	Juhushi Jane TAKASHI NOUE
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DATE:	<u> </u>	Tatsuyoshi Asava
WITNESSED:		TATSUYOSHI ASAWA
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JUL. - 7. 2004 DATE: NORIAKI MORI WITNESSED: JUL. - 7. 2004 DATE: JUL. - 7. 2004 DATE: JUL. - 7. 2004 TOMOHIRO OHBA DATE: WITNESSED: JUL. -7. 2004 DATE: JUL. -7. 2004 DATE: