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FORM PTO-1595

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101187952

Attorney Docket No.: 43890 382

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

1. Name of conveying party(ies): **Takumi NISHIMOTO, Tetsuya FUKUDA, Kenji KATAOKA, and Jun SATO**

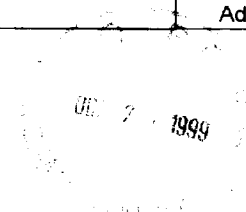
2. Name and address of receiving party(s):
**Matsushita Electric Industrial Co., Ltd.
1006, Oaza Kadoma, Kadoma-shi,
Osaka 571 JAPAN**

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

Additional name(s) & address(es) attached? Yes No

3. Nature of conveyance

- Assignment
- Merger
- Security Agreement
- Change of Name
- Other



Execution Date: October 13, 1999

4. 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:

- A. Patent Application No.(s) 09/362752
- B. Patent No.(s)

Additional numbers attached? No

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

**Michael E. Fogarty, Esq.
McDermott, Will & Emery
600 13th Street, N.W.
Washington, DC 20005**

6. Total number of applications and patents involved: 1

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

Authorized to be charged to deposit Account

8. Deposit Account No: 13-0203

(Attached duplicate copy of this page if paying by deposit account)

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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 document.

Michael E. Fogarty, No. 36.139
Name of Person Signing

[Signature]
Signature/Date: 24 October 1999

37,449

Total number of pages including cover sheet, attachments, and document: 3

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231

10/26/1999 CVORACHA 00000134 130203 09362752

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PATENT
REEL: 010344 FRAME: 0394

Attorney Docket No.: 43890-382**ASSIGNMENT**

WHEREAS, Takumi Nishimoto, Tetsuya Fukuda, Kenji Karaoka and Jun Sato, hereinafter called the "Assignors," have jointly invented a new and useful invention entitled REVOLVING OPERATION ELECTRONIC COMPONENT AND ELECTRONIC APPLIANCE USING THE SAME, for which they have:

- (a) filed an application for United States Letters Patent on July 29, 1999 as (Serial No. 09/362,752); or
- (b) executed an application for United States Letters Patent on _____; and

WHEREAS, Matsushita Electric Industrial Co., Ltd., a corporation organized and existing under the laws of Japan, having a place of business at 1006, Oaza Kadoma, Kadoma-shi, Osaka 571 Japan, hereinafter called the "Assignee," is desirous of acquiring the entire right, title and interest in and to said invention, the application above identified, and in, to and under any Letters Patent which may be obtained to said invention, as hereinafter more fully set forth;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, be it known that for and in consideration of the sum of One Dollar (\$1.00), and other valuable and legally sufficient considerations, the receipt of which by said Assignors from the said Assignee is hereby acknowledged, the said Assignors have sold, assigned and transferred, and by these presents do sell, assign and transfer unto the said Assignee, the entire, right, title and interest for the United States in and to the invention and application hereinabove identified, and any Letters Patent of the United States that may issue for said invention, together with the entire right, title and interest in and to said invention and applications for Letters Patent and Letters Patent 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; to have and to hold for the sole and exclusive use and benefit of the said Assignee, its successors and assigns, to the full end of the term or terms for which any and all of said Letters Patent for said inventions may issue.

And the said Assignors do hereby covenant and agree, for themselves and their legal representatives, that they will assist their said Assignee in the prosecution of the application herein identified; in the making and prosecution of any other applications for

Letters Patent that the said Assignee may elect to make covering the invention herein identified, as hereinabove set forth; in vesting in the said Assignee like exclusive title in and to all such other applications and Letters Patent; and in the prosecution of any interference which may arise involving said invention, or any application or Letters Patent herein contemplated; and that they will execute and deliver to the said Assignee any and all additional papers which may be requested by the said Assignee to fully carry out the terms of this Assignment.

And the Commissioner of Patents and Trademarks is hereby authorized and requested to issue Letters Patent to the said Assignee in accordance with the terms of this Assignment.

IN TESTIMONY WHEREOF, the said Assignors have hereunto set their hands and affixed their seals.

Date: October 13, 1999

Takumi Nishimoto (Seal)
Takumi Nishimoto

WITNESSED:

Date: October 13, 1999

Yuko Takai

Date: October 13, 1999

Kiyoko Kawa

Date: October 13, 1999

Tetsuya Fukuda (Seal)
Tetsuya Fukuda

WITNESSED:

Date: October 13, 1999

Yuko Takai

Date: October 13, 1999

Kiyoko Kawa

Date: October 13, 1999

Kenji Kataoka (Seal)
Kenji Kataoka

WITNESSED:

Date: October 13, 1999

Yuko Fukui

Date: October 13, 1999

Kiyoko Kaw

Date: October 13, 1999

Jun Sato (Seal)
Jun Sato

WITNESSED:

Date: October 13, 1999

Yuko Fukui

Date: October 13, 1999

Kiyoko Kaw